

INSTRUCTIONAL PRODUCTS CATALOG *and Parts Catalog*



American Printing House
for the Blind, Inc.

2017-2018



**Gross Motor
Development Curriculum**
for Children With Visual Impairments

Lauren J. Lieberman and Pamela S. Haibach



Education

Technology

Rehabilitation

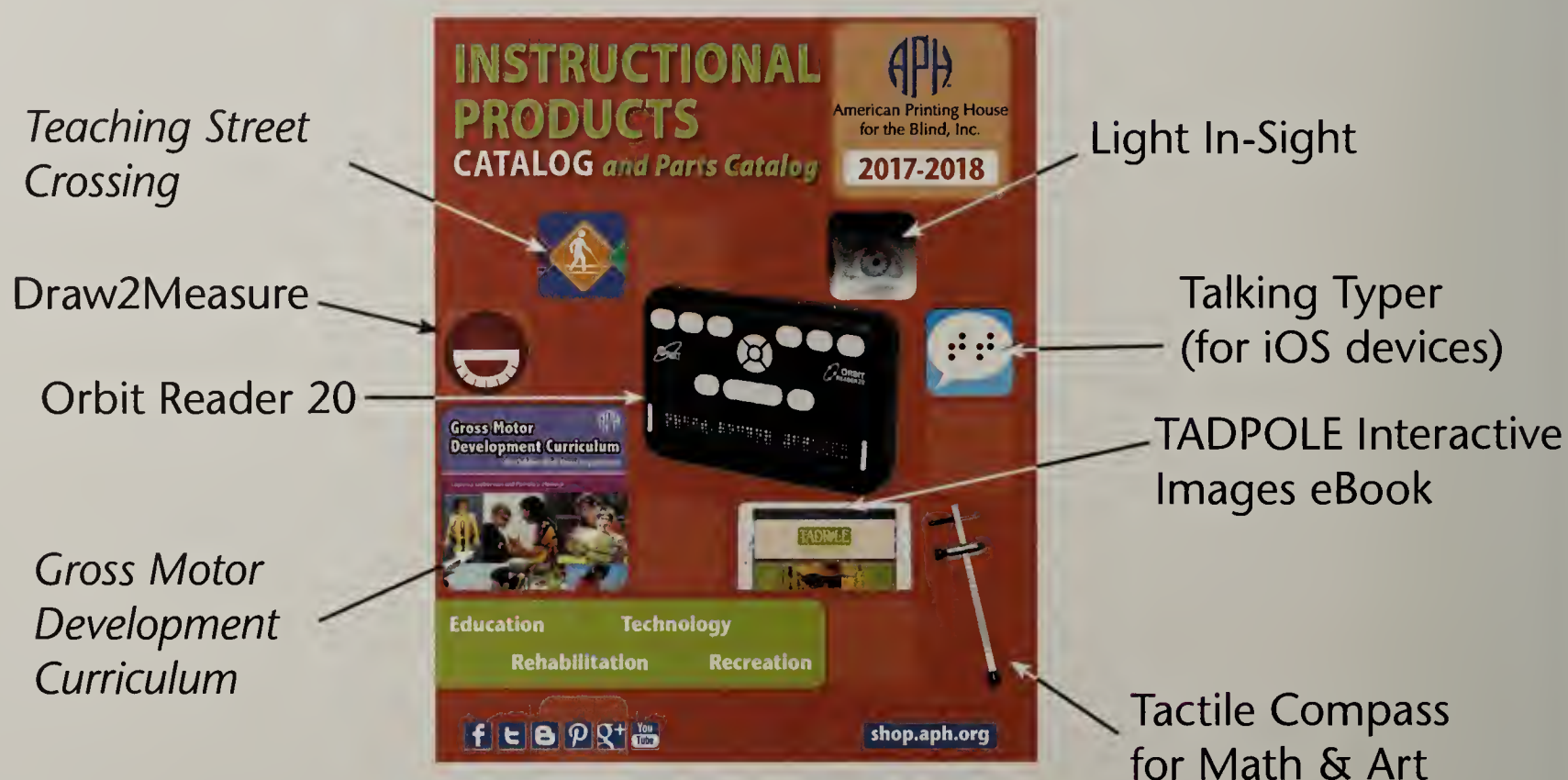
Recreation



shop.aph.org

We're proud to introduce...

...this year's new products! Covering a broad spectrum of needs for people who are blind and visually impaired, they're featured on the pages indicated.



Full listing of new or revised products in the 2017-2018 APH Catalog

Braille Badges Sticker Pack (for iOS devices) ..	151	Push Button Padlock, <i>revised</i>	166
Calendar Box Stabilizer.....	87	Spinner Overlays for the Light Box	129
Color-by-Texture Marking Mats.....	76	Swirly Mats II	133
Draw2Measure Protractor (for iOS devices)....	45	Tactile Compass for Math and Art	51
<i>Echolocation and FlashSonar</i>	139	Tactile Graphic Line Slate	113
Geometro: Cylinder and Cone	50	Tactile Editing Marks Kit.....	39
<i>Gross Motor Development Curriculum</i>	82	TADPOLE Interactive Images eBook.....	7
Light In-Sight: Reflection and Refraction Kit....	62	Talking Typer (for iOS devices)	95
<i>Little Breath of Wind-UEB, revised</i>	20	<i>Teaching Street Crossing to Students</i>	
Nearby Explorer (for iOS devices).....	140	<i>with Visual Impairment</i>	139
Orbit Reader 20	152	Video Mag HD handheld video magnifier	126
Plastic Binder Envelopes for Braille.....	119	VisioBook Carry Bag.....	123
Pumpkin Puzzles, <i>revised</i>	24	Woodcock-Johnson IV (WJ IV)	
		Adapted for Large Print Readers.....	11

American Printing House for the Blind

INSTRUCTIONAL PRODUCTS CATALOG

2017-2018

APH Mission Statement

The American Printing House for the Blind promotes independence of people who are blind and visually impaired by providing specialized materials, products, and services needed for education and life.

APH Corporate Status

The American Printing House for the Blind, Inc. is a 501(c)(3) non-profit organization. Gifts, therefore, are tax deductible.

Core Curriculum and Expanded Core Curriculum

Core Curriculum

Educators define core curriculum as the knowledge and skills a student should learn by high school graduation. This foundation, for almost all learning, is generally related to academic subjects.

Expanded Core Curriculum

The American Printing House for the Blind and most professionals in the field firmly believe that visually impaired students need **an expanded core curriculum that encompasses additional areas of learning**. Experiences and concepts casually and incidentally learned by sighted students must be systematically and sequentially taught to students with a visual impairment.

Dr. Philip Hatlen (1934–2016) authored the introductory copy at the beginning of each of the Expanded Core Curriculum sections in this catalog. Dr. Hatlen's numerous accomplishments included the original development of the Expanded Core Curriculum. Dr. Hatlen had many connections at APH, including acting as Ex Officio Trustee and our Executive in Residence. Read more about the extraordinary Dr. Hatlen at the Hall of Fame website, www.aph.org/hall/inductees/hatlen/



Dr. Philip Hatlen



American Printing House for the Blind, Inc.

1839 Frankfort Avenue • Louisville, Kentucky 40206-3152

Phone: 502-895-2405 • **800-223-1839** • Fax: 502-899-2284

info@aph.org • www.aph.org • shop.aph.org • [@APHfortheBlind](https://twitter.com/APHfortheBlind)

General Information

Service for Over 155 Years

Since 1858 the American Printing House for the Blind (APH) has been creating unique products for people who are visually impaired, blind, and deafblind. APH products are designed for infants, preschoolers, students, and adults, both in education and in daily living.

Recommended Ages for Products

Recommended ages for products are expressed as functional age rather than chronological age.

Prices and Types of Funds Accepted

All items in this catalog can be purchased with regular funds, such as checks, credit cards, or purchase orders. Most items can also be purchased with Federal Quota funds through an Ex Officio Trustee. Please see the overview of Federal Quota on the inside back cover of this catalog. Prices in this catalog are effective as of **June 1, 2017**. *Prices are subject to change without notice.*

Parts Available Icon

Products with replacement parts available are marked with this icon. Refer to the *APH Replacement Parts Catalog* in the back of this book.

UEB Icon

Products identified with this icon are transcribed in Unified English Braille (UEB).

Safety Warnings Icon

Please note and follow the small parts choking hazard and other warnings indicated for certain APH products.



Downloadable Manuals Icon

Selected APH products have manuals available for immediate, free-of-charge download. You can print or emboss these manuals as needed.

Please visit our downloadable manuals page at: www.aph.org/manuals/

Ordering on the Web



American Printing House
for the Blind ~ *Shopping*



shop.aph.org

You can browse and search for APH products, then order using: Federal Quota funds, a purchase order, or a credit card.

Questions? Credit Card Order?

APH provides a toll-free number for:

- Placing credit card orders
- Questions about existing orders or status of products under repair
- Questions about products and services
- Technical Support

Call Monday through Friday from 8:00 a.m. to 4:30 p.m. Eastern Time: **1-800-223-1839** (U.S. and Canada) or email **cs@aph.org**

Notice: The products offered by the American Printing House for the Blind are instructional/teaching materials and are intended to be used by trained professionals, parents, and other adults with students who are blind and visually impaired. *These materials are not intended as toys for use by children in unstructured play or in an unsupervised environment.*

Table of Contents

Prices in this catalog are effective as of June 1, 2017.

Assessment.....	5
Early Childhood.....	17
Core Curriculum	
English Language Arts	37
Mathematics	43
Science and Health.....	61
Social Studies: History, Geography, and Economics.....	69
Fine Arts.....	75
Business and Vocational Education.....	78
Physical Education	79
Expanded Core Curriculum	
Communication Modes and Literacy Education	83
Visual Efficiency and Low Vision.....	122
Orientation and Mobility (Concept Development)	138
Assistive Technology and Electronics.....	147
Career Education and Transition	155
Self-Determination	158
Daily Living and Social Interaction	160
Recreation and Leisure.....	169
Videos.....	176
Resources for Professionals	177
“Special Touch” Gift Items.....	182
Replacement Parts Catalog.....	184
Other Services from APH	200
How to Order, Returns Policy, Warranty and Repair Policy	206
Index	213

INTRODUCTION

APH Products for Persons with Multiple Disabilities, Including Deafblindness

Children and adults with multiple disabilities, including deafblindness, are diverse in their abilities, strengths, and interests. Some APH products have been developed for individuals with multiple disabilities in mind, and many others are also appropriate for use by this population.

Below are examples of APH products that you may wish to consider for children and adults who have multiple disabilities, including deafblindness.

Girl with
Rib-It-Ball



APH Intervention Continuum Three Sequential Kits

APH recommends that learners use the following three products sequentially:

Sensory Learning Kit (SLK) — pg. 27

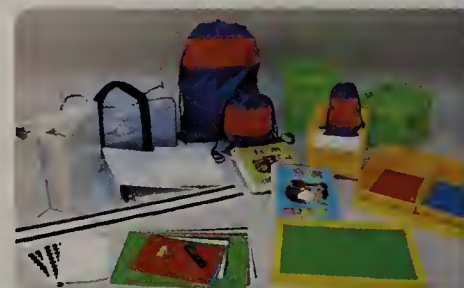
This kit is an extensive set of sensory items and written materials that help the most significantly challenged learners increase their curiosity and develop specific skills.

SAM: Symbols and Meaning — pg. 85

A kit for learners with visual and multiple impairments & pre-school children with visual impairments who are just beginning to use symbols.

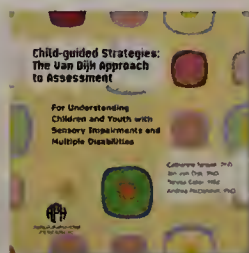
Tactile Connections: Symbols for Communication — pg. 85

Helps teachers create a tactile card system that is individualized for visually impaired and blind learners who have additional disabilities and/or lack a formal means of communication or literacy.



STACS: Standardized Tactile Augmentative Communication Symbols Kit — pg. 86

Tactile symbol systems are valuable tools that aid learners with conversations about people, places, events, and ideas. STACS helps teach a beginning standardized vocabulary.



Child-guided Strategies: The van Dijk Approach to Assessment — pg. 16

An easy-to-use guidebook with an accompanying

DVD that follows the assessment of a baby, a young child, and a teenager.

CVI Complexity Sequences Kit — pg. 135

Includes cards designed to refine the ability to identify a target in the presence of increasing amounts of background information.

TADPOLE Kit — pg. 7

Tools and Activities for the Development of Visual Skills (TADPOLE) is an array of activities, materials, and tools for use with learners who are ages 0-2 years.

Spangle Tangle — pg. 33

Fun, twisty Spangle Tangle helps students learn motor, problem-solving, cognitive, self-care, social, and pre-braille skills.

Students Who Are Deafblind Using APH Products — pg. 159



assessment

Assessment

Section Index

Accessible Multiple Choice Answer Sheets: Braille, Large Print, Pop-A-Dot	12	Functional Vision and Learning Media Assessment (FVLMA).....	9
<i>Basic Reading Inventory ("Johns")</i>	9	Let's Talk Limbic.....	16
Boehm-3 Preschool Kits.....	6	Teacher's Pet software.....	9
<i>Brigrance Diagnostic Comprehensive Inventory of Basic Skills, Revised 1999:</i> Student Braille Edition	10	TADPOLE: Tools and Activities for the Development of Visual Skills	7
Student Large Print Edition	10	Test Ready: Language Arts.....	15
<i>Brigrance Diagnostic Comprehensive Inventory of Early Development, Revised 1991</i>	10	Plus Mathematics	13
<i>Charge Syndrome Revisited</i>	16	Plus Reading	14
<i>Child-guided Strategies:</i> <i>for Assessing Children who are Deafblind or have Multiple Disabilities</i>	16	ToAD: Tools for Assessment and Development of Visual Skills.....	7
<i>The van Dijk Approach to Assessment</i>	16	NEW! TADPOLE Interactive Images eBook.....	7
<i>From Russia with Love and Care for Children with Sensory Impairment and Challenging Behaviors.</i> ..	16	<i>ToADally Awesome!</i> Homegrown Series Video	8
<i>Functional Vision Assessment Video</i>	15	NEW! Woodcock-Johnson VI (WJ IV), Adapted for Large Print Readers.....	11

Assessment Related Products

All-In-One Board.....	121	Materials on Utilization of Low Vision	129
CVI Complexity Sequences	135	Quick Pick Series	57-58
Invisiboard	128	<i>Reach for the Stars</i>	18
Light Box, Materials	129-133	Tactile Treasures.....	30

Custom Production of Accessible Tests

APH will work with you to make your test items accessible in: **BRAILLE, TACTILE GRAPHICS, LARGE PRINT, AUDIO, and ELECTRONIC FILES** for online testing.

For more information, contact APH's **Accessible Tests and Textbooks Dept.** at **1-800-223-1839** or **tests@aph.org**. For a price list, custom contract quote, or information on status of an order, ask for **Contract Administration**.

Boehm-3 Preschool

Boehm-3 Preschool measures 26 basic concepts relevant to the preschool/early childhood curriculum. This test helps identify children who lack understanding in basic relational concepts so you can provide intervention sooner, increasing their chance of success in school. Both kits assess each concept twice to determine the child's understanding across contexts. The Big Picture Kit manual and record forms are available in English and Spanish.

Recommended ages: Pre-K.

Boehm-3 Preschool

Big Picture Kit: 1-03880-00.....\$239.00

Tactile Edition Kit: 1-03882-00.....\$469.00

Replacement Items

Boehm-3 Preschool Big Picture Kit

Test Record (25-pk. ea. of Parent Letter and Record Form): 7-03880-00.....\$189.00



Manual, Large Print: 7-03881-00.....\$46.00

Boehm-3 Preschool Tactile Edition Kit

Test Record (25-pk. ea. of Parent Letter and Record Form): 7-03882-00.....\$229.00



Test Administrators Instructions for Tactile Edition: 61-212-012.....\$6.10

Manipulatives Pack: 61-212-013.....\$42.95



Note: Boehm-3 Preschool Examiner's Manual is available through Pearson at:

<http://www.pearsonclinical.com/psychology/products/100000161/boehm3-preschool.html>

Notes: Full reliability and validity data for children without visual impairment can be found in the Examiner's Manual (see link above), but does not apply to this adaptation. Everything needed to administer the test to children with visual impairment is included in these kits.

The Boehm-3 Preschool Kits can be used with students diagnosed with CVI by applying the same accommodations that they use in school. There is no background complexity, and the drawings have already been simplified for use with low vision students.



American Printing House
for the Blind ~ *Shopping*



Ordering for U.S. Customers: shop.aph.org

TADPOLE Kit

Tools and Activities for the Development of Visual Skills (TADPOLE) is a set of standardized tools that helps practitioners perform functional vision evaluations or visual skills development activities. It is similar to APH's ToAD kit, but is geared for younger learners. TADPOLE is a natural precursor to the ToAD Program.

The *Practitioner's Guidebook* contains suggested activities, primarily for use with students who are very young (0-2 level), or who have communication and/or cognitive delays.

Note: Practitioners should purchase the ToAD kit prior to use of the TADPOLE kit, since items from ToAD are needed when a student's personal items are not available.

TADPOLE Kit Includes:

- Object Cards
- Black & White Coloring Cards (5-pk.)
- Practitioner's Guidebook, LP
- Report of Visual Skills (10-pk.)
- Tasha Tadpole's Puzzle Book, LP

Note: The optional Soft Snap Puzzles are useful with both TADPOLE and ToAD activities. TADPOLE also functions as the Vision Modality section for APH's Sensory Learning Kit (SLK).

TADPOLE Kit: 1-08155-00.....\$362.00

The CD content for TADPOLE is available as a single .ZIP file from: www.aph.org/manuals/TADPOLE.zip

Optional Items:

Soft Snap Puzzles (8-pk.): 1-08155-06.....\$59.00

 TADPOLE Practitioner's Guidebook, Braille w/CD: 5-08155-00.....\$47.00

 Tasha Tadpole's Puzzle Book, Braille: 5-08155-01.....\$32.00

Replacement Items:

TADPOLE Practitioner's Guidebook:

Large Print w/CD: 7-08155-00.....\$57.00

 Tasha Tadpole's Puzzle Book:

Large Print: 1-08155-01.....\$185.00

Object Cards: 1-08155-02.....\$20.00

Report of Visual Skills (10-pk.):
1-08155-04.....\$11.50

Black & White Coloring Cards (5-pk.):
1-08155-05.....\$62.00

**Example
TADPOLE
Object
Cards**



Additional Item:

New!

TADPOLE Interactive Images eBook

TADPOLE Interactive Images may be useful to teachers with assessment and development of visual attending skills, size, and shape identification; and color and shape matching.

This set was specifically designed for tablets and *replaces the TADPOLE Mini-Lite Box overlays*. The iBook® and EPUB® versions will also work on a standard desktop computer.



Recommended ages: 2 years and up.

TADPOLE Interactive Images eBook: FREE

on the App Store® online store: <https://itunes.apple.com/us/book/tadpole/id1174450875?mt=11>
Microsoft Windows® EPUB®: tech.aph.org/tadpole-pc.epub

ASSESSMENT

PARTS ToAD: Tools for Assessment and Development of Visual Skills


This set of standardized tools aids in performing functional vision evaluations or visual skills development activities. ToAD does not provide a curriculum—there are several excellent curricula available, including ISAVE (*discontinued*) from APH. The ToAD kit provides tools, toys, and puzzles that assist the educator as he or she performs assessments or activities. In addition to its uses for assessment and for vision development activities, ToAD serves as the Vision Modality for the Sensory Learning Kit.

Recommended ages: 2.5 – 5 years.

ToAD Kit: 1-08152-00.....\$739.00

Optional Items:

SQUIRE ToAD's Puzzle Book,
Braille: 5-08152-05.....\$26.00

 *ToAD Teacher's Guidebook*, Braille: 5-08152-00.....\$36.00

Replacement Items:

APH Innovations Tote Bag: 4-66001-01.....\$24.00

SQUIRE ToAD's Puzzle Book, Large Print: 1-08152-05.....\$55.00

ToAD Teacher's Guidebook, Large Print: 7-08152-00.....\$36.00

ToAD Object Cards (set of 168): 1-08152-01.....\$39.00

ToAD Light Source Items: 1-08152-02.....\$150.00



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without adult supervision.



ToADally Awesome! Homegrown Video

The one-and-only APH ToAD Kit mascot, Squire ToAD, invites viewers to learn about APH's versatile ToAD Kit.

Discover how the tools, toys, and puzzles in the ToAD (Tools for Assessment and Development of Visual Skills) Kit can play an essential part in your student's vision curriculum, activities, and development. Video stars APH's own Low Vision Project Leader Elaine Kitchel to answer your questions.

Questions addressed:

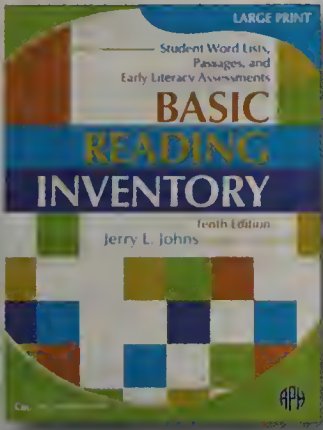
- What is ToAD?
- What are the parts of ToAD?
- Why use ToAD?
- How do I use the components?
- How does the vision team use ToAD?
- How should I prepare my child/student and the environment to use ToAD?

Bonus! Homegrown musical number, starring Squire ToAD, included.

Approximate run time: 16 minutes. Closed captioned and subtitles.

ToADally Awesome! DVD: 1-30023-DVD.....\$10.00





Basic Reading Inventory ("Johns"), Tenth Edition

A popular informal reading inventory that helps educators easily determine a student's instructional, independent, and frustration reading & listening levels based on speed, accuracy, and comprehension.

Some unique features of the APH accessible versions of the Johns student book:

- **Braille Edition:** contracted or uncontracted braille formats
- **Large Print Edition:** formatting for maximum readability
- Notes for the test administrator about differences between the regular print edition and each of the accessible versions

Student Word Lists, Passages, and Early Literacy Assessments:

Student Assessment:

Large Print: 4-00606-00.....\$89.00

Uncontracted Braille: 5-00605-00.....\$159.00

Contracted Braille: 5-00606-00.....\$159.00

Note: APH does not sell the John's 10th Ed. administrative guide or CD.


Functional Vision and Learning Media Assessment (FVLMA)

FVLMA is a user-friendly instrument that provides a framework for the systematic assessment of a student's visual functioning and needs for adapted educational media. Although not a standardized test, FVLMA has been peer-reviewed by experts in the field of blindness and field tested by teachers and students.

FVLMA Kit: 7-96151-00.....\$67.00

Recommended ages: Students who are pre-academic or academic in grades K-12.

Optional Items:

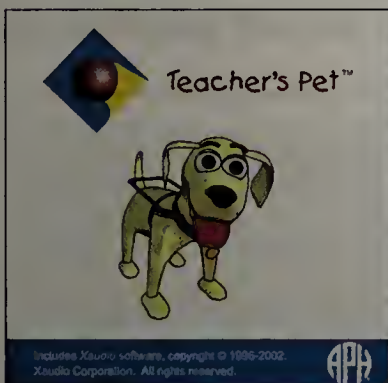
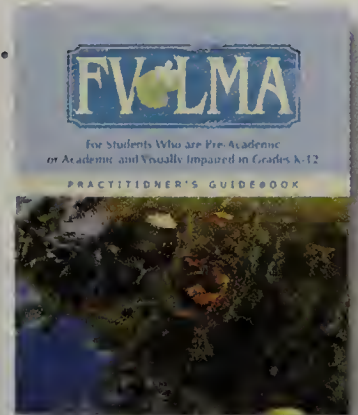
 **FVLMA Practitioner's Guidebook, Braille with CD-ROM: 5-96153-00.....\$80.00**

Protocols, Large Print: 7-96154-00.....\$45.00

Replacement Items:

FVLMA Protocols, Print: 7-96152-00.....\$22.00

FVLMA Practitioner's Guidebook, Print w/CD-ROM: 7-96153-00.....\$45.00



Teacher's Pet Software

Teacher's Pet™ software can be used by either teachers or parents to create accessible drills, practice exercises, or tests for students who are blind and visually impaired. This program allows the creation of both audio and large print tests. It can record test sessions to track student progress.

Recommended ages: all (dictated by the tests created.)

Teacher's Pet,

CD-ROM: D-03460-00.....\$89.00

 **Digital Download: D-03460-ED.....\$79.00**

Note: Find detailed software purchasing instructions in the "How to Order" section, pg. 209. Download APH Software Demos: tech.aph.org/



Brigance Diagnostic Comprehensive Inventory of Basic Skills (Green), Revised, 1999 (CIBS-R): Student Braille Edition

An adaptation of the print inventory, the student braille edition includes tactile representations of diagrams where appropriate. The 23 subtests have been grouped into 14 braille modules.

Recommended ages: Pre-K – 9.

Brigance® Diagnostic Comprehensive Inventory of Basic Skills (Green): Student Braille Edition: 5-00000-00.....\$299.00

Optional Item: Large Print/Braille Toss-Away Ruler (24-pk.): 1-03010-00.....\$16.00

Note: The Brigance student large print & braille editions were designed to be used only in conjunction with the print inventory. To order the print test, student record books, and other regular print materials, contact: Curriculum Associates, Inc., North Billerica, MA, 800-225-0248, Fax: 800-366-1158, www.curriculumassociates.com

Brigance Diagnostic Comprehensive Inventory of Basic Skills (Green), Revised, 1999 (CIBS-R): Student Large Print Edition



CIBS-R, also known as Brigance Green, is a criterion-referenced inventory that assesses, on an individual basis, a student's strengths or weaknesses in specific skill areas. The CIBS-R has been especially useful in support of Individual Educational Plan (IEP) development and program planning.

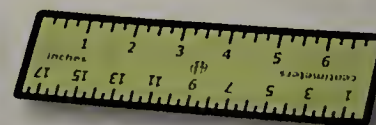
Recommended ages: Pre-K – 9.

Brigance® Diagnostic Comprehensive Inventory of Basic Skills (Green): Student, Large Print: 4-00000-00.....\$153.00

Replacement Items:

Large Print Toss-Away Ruler (24-pk.): 1-03011-00.....\$10.00

GlaReducers (4-pk.): 1-03062-00.....\$11.50



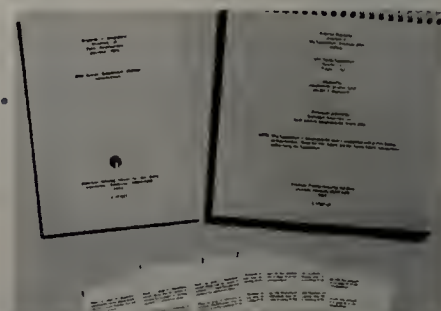
Note: Administration and scoring of this large print edition should be carried out by trained para-professionals and professionals precisely in accordance with instructions found in the regular print ed.

Brigance Diagnostic Inventory of Early Development (Yellow): APH Tactile Supplement, Revised 1991

A criterion-referenced assessment designed to identify the level of mastery that a young child has achieved on selected skills. This information is important for planning a child's Individualized Family Service Plan (IFSP) or Individualized Educational Program (IEP).

Recommended ages: Birth – K.

Brigance® Diagnostic Comprehensive Inventory of Early Development (Yellow): 5-17681-00.....\$127.00



Note: The APH Tactile Supplement was designed to be used only in conjunction with the print inventory.

Woodcock-Johnson IV (WJ IV) Adapted for Large Print Readers

This is a full-color large print edition of one of the most widely used diagnostic tests. The *Woodcock-Johnson® IV* helps identify learning problems and improve instructional outcomes. It can be administered to persons ages 2 years and up. The assessment is comprised of three batteries: Test of Achievement (Standard and Extended), Tests of Cognitive Abilities (Standard and Extended), and Oral Language.

Features:

- All tests in each of the batteries are adapted for the large print reader; no content was omitted for this adaptation.
- All Response Books used by the student have been adapted as stand-alone booklets for ease of student handling.

WJ IV Large Print Kit Includes:

- Test Batteries: Achievement Standard & Extended, Cognitive Standard & Extended, and Oral Language
- Cognitive Test Books (7A, 7B, and 13)
- 5 sets of 11 Response Books (*additional sets sold separately*)
- Storage binder for Response Books
- GlaReducers
- Innovations Tote Bag

Woodcock-Johnson IV, Large Print Kit: 4-66003-00.....\$399.00



Replacement Items:

- APH Innovations Tote Bag: 4-66001-01.....\$24.00
 GlaReducers (4-pk.): 1-03062-00.....\$14.80
 Response Books (5 sets): 23-201-031.....\$292.95

Coming soon!

Woodcock-Johnson IV, Adapted for Braille Readers in UEB and Nemeth

Notes: It is strongly suggested that the administrator have approved professional development training in administering the original print Woodcock-Johnson IV.

Examiners must meet the qualifications for administering this assessment and have purchased the publisher materials. **Examiners must have access to publisher materials, including:** the test easels, WJ IV Manuals, Individual Test Records, the Woodcock-Johnson Online Scoring and Reporting Program, and the Audio CD containing tests which are administered orally.

These materials must be ordered directly from the test publisher:

Customer Experience Support – Assessments, Houghton Mifflin Harcourt, 255 38th Avenue, Ste. L, St. Charles, IL 60174, **800-323-9540**, Fax: **630-467-7192**, **AssessmentsOrders@hnhco.com**

Accessible Multiple Choice Answer Sheets: Braille, Large Print, Pop-a-Dot

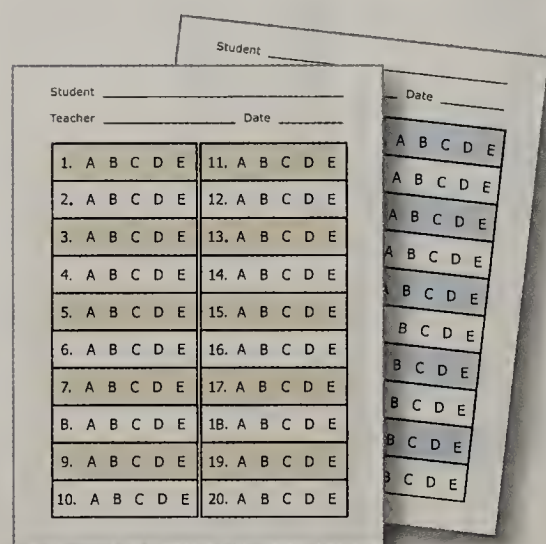
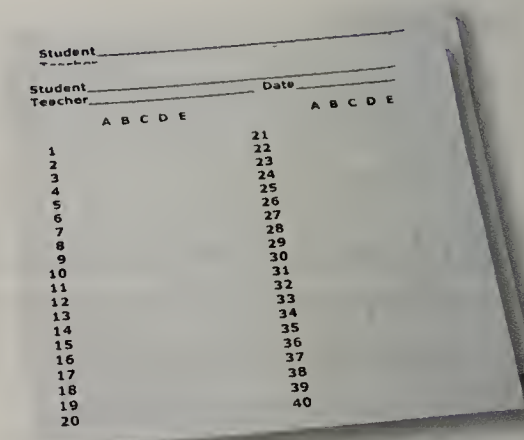
Accessible Multiple Choice Answer Sheets have high-contrast layouts with print and tactile elements that engage students so that test-taking can be fun! Sighted peers will also love these.

Recommended ages: 8 years and up.

Braille Answer Sheets

Fifty generic sheets with question numbers 1–40 in large print and braille are laid out in two columns, with multiple choice braille answers: a, b, c, d, and e. Any approved method of marking the sheets can be utilized, such as crayons, pencils, pens, or braille erasers. If more than 40 questions are on the test, multiple sheets can be used; renumber as needed. Students can press down or erase the number sign beside questions they want to return to later.

Braille (25-pk.): 5-17003-00.....\$11.00



Large Print Answer Sheets

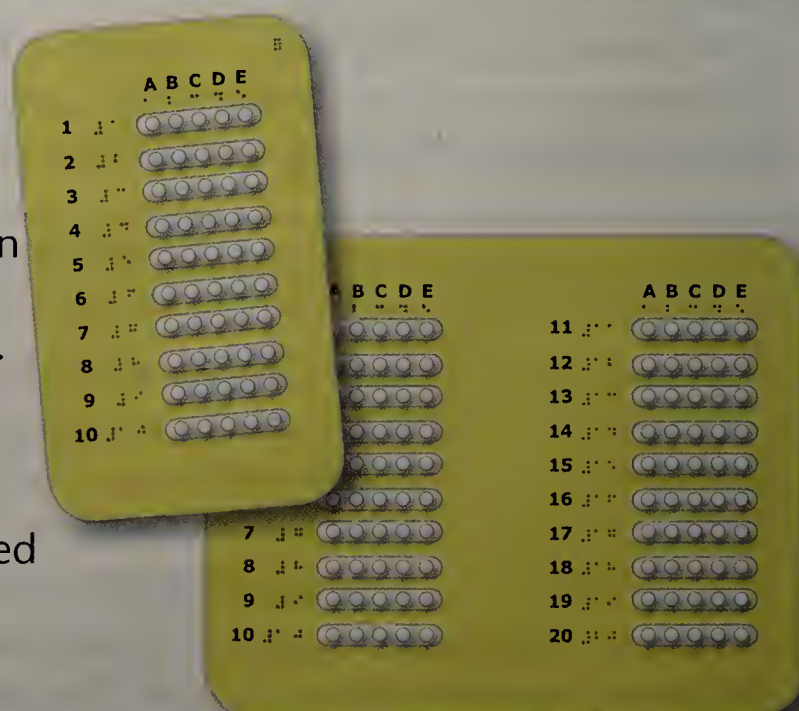
Formatted in two columns, with bold lines and a highly readable 18 point font, these two-sided generic answer sheets have question numbers 1–40. Every other line is highlighted with a contrasting color to help in finding the correct line. Students can mark with a pencil, crayon, or other approved writing tool. Sticky note tabs can also be used to mark questions they want to return to later.

Large Print (50-pk.): 7-17003-00.....\$15.00

Pop-a-Dot Answer Sheets

These sheets provide an engaging new way to make test-taking more fun! “Memory plastic” dots are pushed down to select an answer, but can be popped back up easily, allowing students to change their answers independently. Multiple choice answers a, b, c, d, and e run horizontally. Advanced level student sheets have questions 1–20 in two columns. Beginning level student sheets have questions 1–10. Any combination of the sheets can be used depending upon the number of items on the test.

Pop-a-Dot® (4-pk.): 1-17003-00.....\$53.00



Test Ready: Plus Mathematics

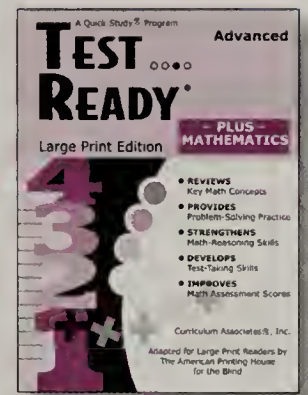
This test prep series offers practice for today's standards-based assessments for grade levels 3–12.

Test Ready®: Plus Mathematics provides preparation and review, in as little as two weeks before testing day. It also provides a program of instruction and remediation.

Students practice problem solving for:

- Data preparation
- Numeration
- Measurement
- Geometry
- Number theory
- Pre-algebra/algebra

Objectives for each of the above key concepts have been aligned with the Principles and Standards for School Mathematics from the National Council for Teachers and Mathematics (NCTM).



Accessible Formats:

The APH Teacher Guides and Student Books are available in several accessible formats, so that the entire class can work on math together in a multi-media approach. The large print and braille editions include a CD-ROM with an .html file and a Digital Talking Book (DTB) file with built-in player.

The large print student edition includes a specially formatted large print answer document. However, it is recommended that each student have a book in his or her preferred reading medium, and should feel free to mark answers in the test books. Used this way, the student books become consumable items.

Test Ready: Plus Mathematics:

Note: All Teacher's Guides and Student Books include a CD-ROM.

Book 3, Teacher Guide:

Large Print: 7-00505-00.....\$18.00

Braille: 5-00505-00.....\$35.00

Book 3, Student Book:

Large Print: 7-00506-00.....\$29.00

Braille (2 vol.): 5-00506-00.....\$62.00

Book 4, Teacher Guide:

Large Print: 7-00507-00.....\$18.00

Braille: 5-00507-00.....\$25.00

Book 4, Student Book:

Large Print: 7-00508-00.....\$30.00

Braille: 5-00508-00.....\$48.00

Book 5, Teacher Guide:

Large Print: 7-00509-00.....\$18.00

Braille: 5-00509-00.....\$24.00

Book 5, Student Book:

Large Print: 7-00510-00.....\$29.00

Braille: 5-00510-00.....\$60.00

Book 6, Teacher Guide:

Large Print: 7-00511-00.....\$18.00

Braille: 5-00511-00.....\$35.00

Book 6, Student Book:

Large Print: 7-00512-00.....\$31.00

Braille: 5-00512-00.....\$48.00

Book 7, Teacher Guide:

Large Print: 7-00513-00.....\$18.00

Braille: 5-00513-00.....\$23.80

Book 7, Student Book:

Large Print: 7-00514-00.....\$35.00

Braille: 5-00514-00.....\$46.00

Book 8, Teacher Guide:

Large Print: 7-00515-00.....\$18.00

Braille: 5-00515-00.....\$35.00

Book 8, Student Book:

Large Print: 7-00516-00.....\$35.00

Braille: 5-00516-00.....\$68.00

Advanced, Teacher Guide:

Large Print: 7-00517-00.....\$16.00

Braille: 5-00517-00.....\$26.00

Advanced, Student Book:

Large Print: 7-00518-00.....\$31.00

Braille: 5-00518-00.....\$51.00

Note: Test Ready: Plus Mathematics: Advanced is recommended for grades 9–12.

Test Ready: Plus Reading

As with the Test Ready: Plus Math, this test prep series offers practice for today's standards-based assessments for grade levels 3–12. Test Ready®: Plus Reading also provides preparation and review.

Students practice problem solving for:

- Recalling information
- Evaluating literary forms
- Evaluating & extending meaning
- Constructing meaning
- Interpreting fact & opinion

Test Ready: Plus Reading is a review program that provides practice in test-taking skills in reading comprehension and open-ended writing tasks.

Accessible Formats:

Same as with Test Ready: Plus Math on previous page.

Test Ready: Plus Reading:

Note: All Teacher's Guides and Student Books include a CD-ROM.

Book 3, Teacher Guide:

Large Print: 7-00521-00.....\$18.00

Braille: 5-00521-00.....\$21.00

Book 3, Student Book:

Large Print: 7-00522-00.....\$35.00

Braille: 5-00522-00.....\$46.00

Book 4, Teacher Guide:

Large Print: 7-00523-00.....\$18.00

Braille: 5-00523-00.....\$21.00

Book 4, Student Book:

Large Print: 7-00524-00.....\$35.00

Braille: 5-00524-00.....\$46.00

Book 5, Teacher Guide:

Large Print: 7-00525-00.....\$16.00

Braille: 5-00525-00.....\$25.00

Book 5, Student Book:

Large Print: 7-00526-00.....\$30.00

Braille: 5-00526-00.....\$44.00

Book 6, Teacher Guide:

Large Print: 7-00527-00.....\$16.00

Braille: 5-00527-00.....\$21.00

Book 6, Student Book:

Large Print: 7-00528-00.....\$30.00

Braille: 5-00528-00.....\$50.00

Book 7, Teacher Guide:

Large Print: 7-00529-00.....\$18.00

Braille: 5-00529-00.....\$21.00

Book 7, Student Book:

Large Print: 7-00530-00.....\$35.00

Braille: 5-00530-00.....\$48.00

Book 8, Teacher Guide:

Large Print: 7-00531-00.....\$18.00

Braille: 5-00531-00.....\$19.00

Book 8, Student Book:

Large Print: 7-00532-00.....\$46.00

Braille: 5-00532-00.....\$47.00

Advanced, Teacher Guide:

Large Print: 7-00533-00.....\$18.00

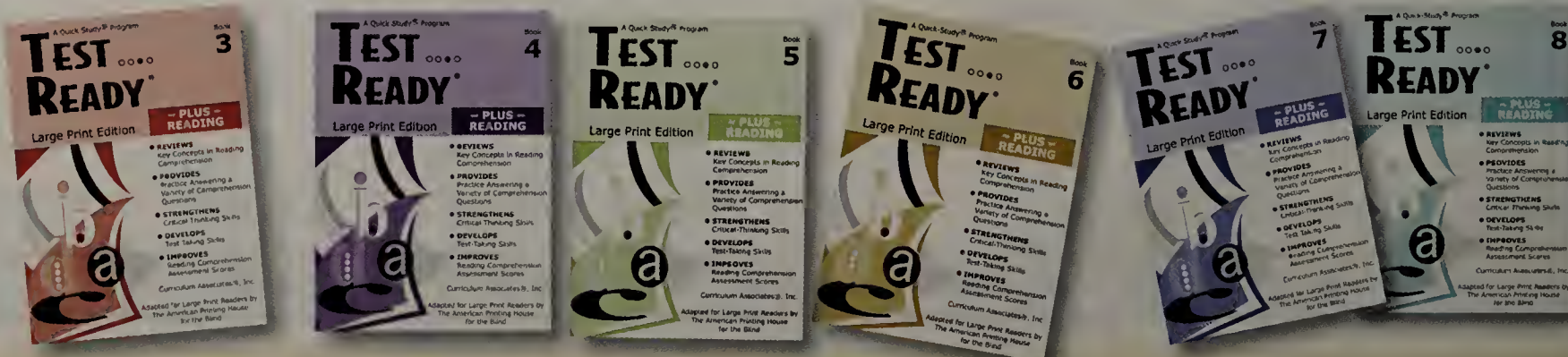
Braille: 5-00533-00.....\$21.00

Advanced, Student Book:

Large Print: 7-00534-00.....\$35.00

Braille: 5-00534-00.....\$46.00

Note: Test Ready: Plus Reading Advanced is recommended for grades 9–12.



Test Ready: Language Arts

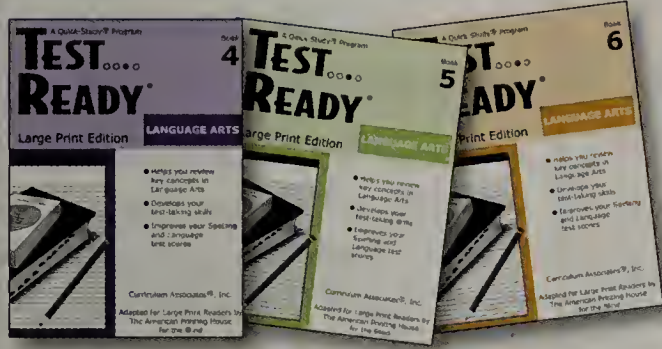
As with the Test Ready: Plus Math and Reading, this test prep series offers practice for today's standards-based assessments for grade levels 3–12.

Students practice in three areas:

- **Spelling**—cloze items and spotting misspelled words
- **Language**—mechanics, expression, and use of resources
- **Rubric-scored writing**—narrative, expository, or descriptive passages

Objectives for each of the above key concepts have been aligned with standards developed by the National Council of Teachers of English (NCTE). These lessons correlate to basal & standards-based tests.

Accessible Formats: Same as with Test Ready: Plus Math on previous page.



Note: TR Math, Reading, & Language Arts: Copies of regular print Teacher Guides and Student Books are available from the publisher at: Curriculum Associates, Inc., 153 Rangeway Rd., North Billerica, MA 01862-0901, 800-225-0248, Fax: 800-366-1158, www.curriculumassociates.com

Test Ready®: Language Arts:

Note: All Teacher's Guides and Student Books include a CD-ROM.

Book 3, Teacher Guide:

Large Print: 7-00535-00.....\$13.00

Braille: 5-00535-00.....\$28.00

Book 3, Student Book:

Large Print: 7-00536-00.....\$31.00

Braille: 5-00536-00.....\$51.00

Book 4, Teacher Guide:

Large Print: 7-00537-00.....\$13.00

Braille: 5-00537-00.....\$25.00

Book 4, Student Book:

Large Print: 7-00538-00.....\$29.00

Braille: 5-00538-00.....\$51.00

Book 5, Teacher Guide:

Large Print: 7-00539-00.....\$20.00

Braille: 5-00539-00.....\$21.00

Book 5, Student Book:

Large Print: 7-00540-00.....\$35.00

Braille: 5-00540-00.....\$48.00

Book 6, Teacher Guide:

Large Print: 7-00541-00.....\$20.00

Braille: 5-00541-00.....\$21.00

Book 6, Student Book:

Large Print: 7-00542-00.....\$35.00

Braille: 5-00542-00.....\$49.00

Book 7, Teacher Guide:

Large Print: 7-00543-00.....\$20.00

Braille: 5-00543-00.....\$20.00

Book 7, Student Book:

Large Print: 7-00544-00.....\$35.00

Braille: 5-00544-00.....\$46.00

Book 8, Teacher Guide:

Large Print: 7-00545-00.....\$20.00

Braille: 5-00545-00.....\$20.00

Book 8, Student Book:

Large Print: 7-00546-00.....\$35.00

Braille: 5-00546-00.....\$46.00

Functional Vision: A Bridge to Learning and Living: Functional Vision Assessment Video

This DVD, featuring internationally known experts, gives an overview of low vision and the process of a functional vision assessment. It highlights the importance of assessing low vision and how such an assessment is accomplished. Video runs approximately 26 minutes.

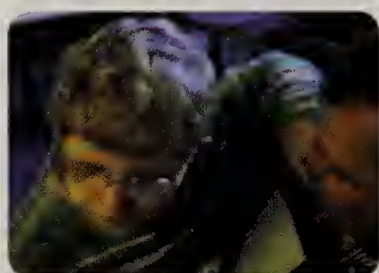
Functional Vision Assessment Video: 1-30009-DVD.....\$25.00





Assessment Videos by Dr. Jan van Dijk, Emeritus Professor The Netherlands

The van Dijk Approach to assessing children or adults with multiple disabilities is unique, but can be successfully implemented with training. Dr. Jan van Dijk and his team of experts have put together the following videos to help.



Child-guided Strategies for Assessing Children who are Deafblind or have Multiple Disabilities

This user-friendly and highly interactive CD-ROM demonstrates Dr. van Dijk's strategies and techniques for assessing and teaching children with multiple disabilities. For use on a Windows® PC.

Child-guided Strategies:

English: 1-31001-00.....\$60.00

Spanish: 1-31001-SP.....\$60.00

From Russia with Love and Care for Children with Sensory Impairment and Challenging Behaviors

This interactive CD-ROM includes an introductory course in Positive Behavioral Support, which outlines the basic principles involved in assessing challenging behaviors of children with multiple disabilities. For use on a Windows® PC.

From Russia with Love and Care:

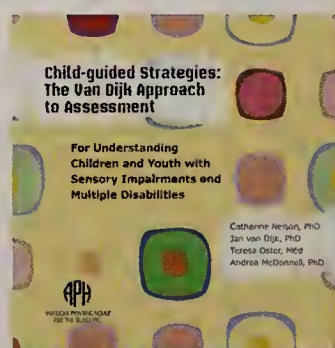
CD-ROM: 1-31002-00.....\$42.00



Let's Talk Limbic: The Role of the Emotional Brain in the Well Being of Persons with Multiple Sensory Impairment

This DVD-ROM focuses on a major part of the human emotional brain, the "Limbic System." Video clips show how sensory deprivation effects a person's emotional well being and can influence attachment, anxiety, and stress. For use on a Windows® PC.

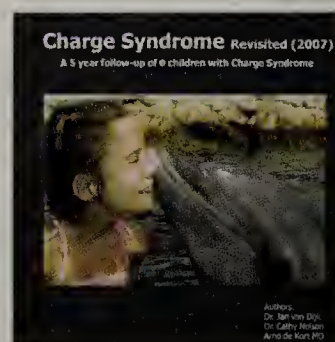
Let's Talk Limbic, DVD-ROM: 1-31004-00.....\$15.00



Child-guided Strategies: The van Dijk Approach to Assessment

An easy-to-use guidebook with an accompanying DVD follows the assessment of a baby, a young child, and a teenager. For use on a Windows® PC.

Child-guided Strategies: 7-31001-00.....\$45.00



Charge Syndrome Revisited (2007)

Children with CHARGE Syndrome often have a multitude of physical, sensory, endocrinological, and developmental problems. This CD-ROM presents a 5-year follow up of six children with CHARGE Syndrome. For use on a Windows® PC.

Charge Syndrome Revisited:

CD-ROM: 1-31003-01.....\$40.00

Early Childhood

Section Index

<i>Alphabet Scramble Storybook</i>	24	Peg Kit.....	32
<i>The Best for a Nest Interactive Storybook</i>	19	Peg-a-Circle Set	32
<i>Developmental Guidelines for Infants</i> <i>with Visual Impairments, 2nd Edition</i>	19	REVISED! Pumpkin Puzzles	24
<i>Discovering the Magic of Reading:</i> <i>Elizabeth's Story Video</i>	24, 100	Puzzle Form Board Kit.....	32
<i>Effective Use of Objects</i>	29	<i>Reach for the Stars: Planning for the Future</i>	18
<i>Everyday Activities Calendar</i>	18	<i>Rolling Into Place</i>	35
<i>Experiential Learning</i>	20	Rolling Right Along Construction Kit	35
Fine Motor Development Materials	29	Sticky Dots Adhesive	35
Giant Textured Beads	31	Sensory Cylinder Set	32
Giant Textured Beads with Pattern Matching Cards.....	30	Sensory Learning Kit (SLK)	27
HANDS ON: Functional Activities for Visually Impaired Preschoolers	29	Select Switch	27
The Joy Player	28	Shape Board	33
Jumbo Work/Play Tray.....	34	Small, Medium, & Large Circles Set (I & II)	33
REVISED! <i>Little Breath of Wind UEB</i>	20	Sound Adapted Tangle Ball	34
<i>Lots of Dots Series</i>	36	Sound Matching Board (I & II).....	32
<i>Move, Touch, Do!</i>	18	Spangle Tangle: Play and Explore.....	33
Moving Ahead Series	26	Tactile Treasures.....	30
<i>On the Way to Literacy</i>	22-24	Tangle Toy	33
<i>PATTER</i>	19	Textured Matching Blocks.....	32
<i>Parent Early Childhood Education Series</i>	18	Textured Pegs	32
<i>Parenting with a Visual Impairment</i>	21	VIPS@Home Program	25
<i>Parents and Their Infants with Visual</i> <i>Impairments (PAIVI), 2nd Edition</i>	21	VIPS Video Library.....	31
		What is IT? Kit.....	20
		Work-Play Trays.....	34

Early Childhood Related Products

APH Sound Balls.....	79	Rib-It-Balls.....	79
Boehm-3 Preschool	6	SAM: Symbols and Meaning	85
Color-by-Texture Marking Mats.....	76	Setting the Stage for Tactile Understanding.....	108
Invisiboard: Tic-Tac-Toe	128	<i>Teach Me to See</i>	124
Light Box, Mini-Lite Box and Materials	129-133	Word Associations Print/Braille Labels.....	93

EARLY CHILDHOOD



Everyday Activities Calendar

This idea-filled calendar suggests a fun preschool activity for each day of the year. Activities are drawn from everyday occurrences and make use of easily accessible, low cost materials. The large print/braille calendar is designed so the user may begin at any point and comes in a three-ring binder. This calendar does not track any specific year, but can be used year after year.

Recommended ages: 3 to 8 years.

Everyday Activities Calendar: 1-08121-00.....\$109.00



Reach For the Stars, Planning for the Future

A first-of-its-kind guidebook about transitioning young children into preschool or kindergarten settings; designed to help the families of young children with disabilities imagine positive and productive futures. It aids families in working with school personnel to create educational plans, leading to inclusive educational programs.

Reach for the Stars

Large Print w/CD-ROM: 7-08412-00.....\$20.00

Braille: 5-08412-00.....\$25.00



Components
in Guidebook

Parent Early Childhood Education Series

Activity sheets describe techniques parents can use to help blind and visually impaired children grow in key developmental areas: cognitive, communication, eating, motor, and play skills; emotional and sensory development; and O&M.

Recommended ages: birth to 5 years, for parents and professionals.

Parent Early Childhood Educational Series, Teacher, Print in binder: 7-96201-00.....\$25.00

Replacement Item:

Parent/Caregiver, Loose

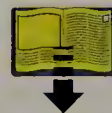
Leaf Print: 7-96200-00.....\$17.00

Optional Items:

Loose Leaf

Print, Spanish Edition: 7-96202-00.....\$24.00

Braille: 5-96201-00.....\$35.00

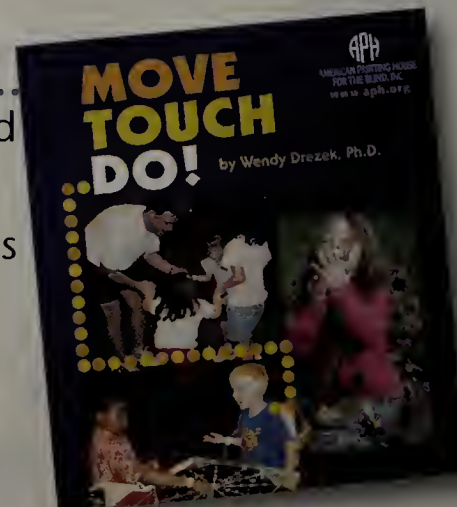


Move, Touch, Do!

Curriculum provides children with opportunities to develop the awareness and skills needed to prepare them to enter formal education.

Materials provide an outline of daily activities, a structure of materials and skills for the school year, instructions for craft projects, and sample communication boards. Recommended ages: For developmental ages birth to 5 years, primarily for professionals.

Move, Touch, Do!: 7-83000-00.....\$80.00





Developmental Guidelines for Infants with Visual Impairments: A Guidebook for Early Intervention, 2nd Edition

This thoroughly researched manual describes what is known about the development of infants with visual impairments. It contains a wealth of information based on recent research and empirically-based observations. Professionals and caregivers will learn the sequence in which many skills develop.

Note: *Developmental Guidelines* was designed mainly for professionals who serve infants with visual impairments. It is available in standard print, braille, HTML, and DAISY formats for full accessibility.

Summary of Developmental Strengths and Intervention Concerns is available as a consumable item. These forms are used to plan interventions for infants with visual impairments.

Developmental Guidelines for Infants with Visual

Impairments, 2nd Edition: Print w/CD-ROM Kit: 8-50701-00.....\$95.00

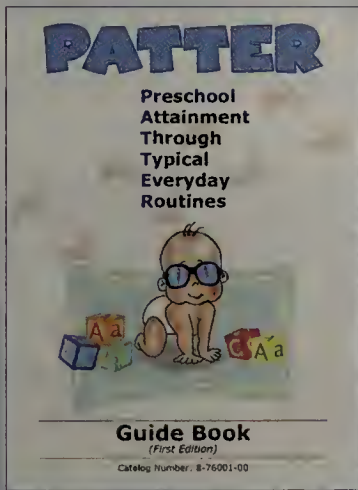
Replacement Item:

Summary Consumables (10-pk.): 8-50701-01.....\$11.00

Jeanne is encouraged to explore and gain information from her environment.



PATTER: Preschool Attainment Through Typical Everyday Routines



This curriculum and assessment tool is designed to facilitate skill development by children who are visually impaired in the areas that preschoolers are expected to master through involvement in typical household routines. *PATTER* is appropriate for use with children with varying degrees of visual impairment, as well as those with additional impairments.

Recommended ages: Pre-K.

PATTER:

Large Print Guidebook with CD and DVD: 8-76001-00.....\$23.00

Braille Guidebook with CD and DVD: 6-76001-00.....\$23.00

The Best for a Nest Interactive Storybook



This large/print braille book includes color illustrations on each page that depict the text. *The Best for a Nest* is an award-winning interactive storybook that provides an opportunity for the learner to focus on many concepts. Included storyboard can be removed from the book so the child can use the included tactile symbol manipulatives to illustrate what is happening on each page.

Recommended ages: 2 years and up.



The Best for a Nest: 5-12301-00.....\$87.00



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without adult supervision.

EARLY CHILDHOOD

Revised!

Little Breath of Wind Storybook UEB

First released in 2013, this book is back in Unified English Braille (UEB)!

This children's storybook features charming text and tactile illustrations that invite exploration, using a variety of richly textured, collaged fabrics and raised lines of thick, soft yarn. It tells the story of a "breath of wind" that begins its journey one morning, blowing across a meadow of soft grass, tickling the leaves of a tree, until it arrives "at my ear... to tell a story, a voyage of adventure."

The young child moves his fingers along the lines of yarn following Little Breath of Wind across each illustrated page. The clear, silkscreened braille is high quality and extremely durable. Originally produced in Italian and French, the English version is produced for APH by Les Doigts Qui Rêvent (LDQR) workshop in Dijon, France.



Tactile Illustrations Support Learning

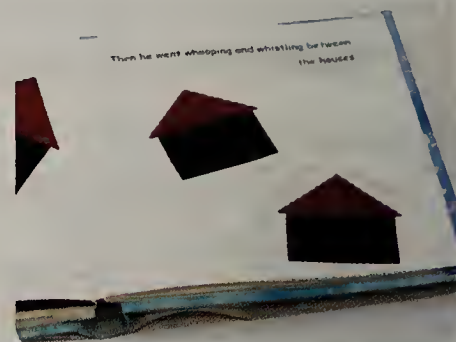
Visual illustrations in children's books play a number of important roles. Tactile illustrated books offer a bridge, helping a young child take a more active role in book-reading, as a listener and as a beginning reader.

Little Breath of Wind,

Large Print/Uncontracted Braille: 6-77950-00.....\$149.00



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without adult supervision.



Inside page, *Little Breath of Wind*

Experiential Learning: Activities for Concept Development

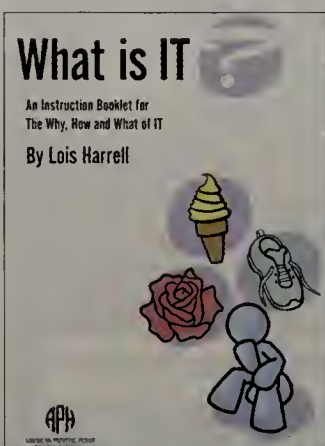
Each section of *Experiential Learning* contains a brief overview of the skill or concept being addressed. This overview is followed by three suggested activities: a beginning, intermediate, and more advanced activity for each area. The service provider or parent must provide the toys and other materials to be used in each activity.

Recommended ages: while this product is designed for children ages birth to 3 who are blind and visually impaired, the activities are also appropriate for older children working on the six developmental areas.

Experiential Learning, Large Print/CD-ROM: 8-50705-00.....\$13.00



CD-ROM contains accessible formats of the guidebook.



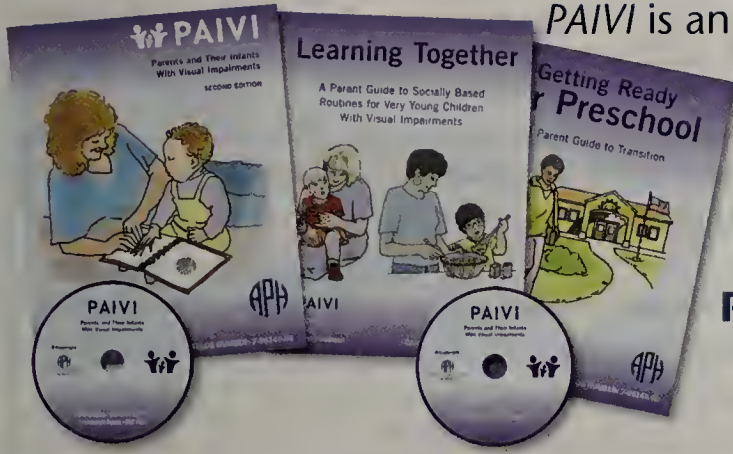
What is IT? Kit

Teaching the young mind to listen to the word, and anticipate "motor knowledge" (organized physical input) that will help form associations, can make a difference. With an active introduction to details contributing to the whole, the child will gain the foundation for comparative thinking, leading to the ability to generalize and communicate independently.

Recommended ages: Pre-K.

What is IT? Kit: 1-03535-00.....\$54.00

Parents and Their Infants With Visual Impairments (PAIVI), 2nd Edition



PAIVI is an updated version of the original *Parents and Visually Impaired Infants (PAVII)*.

This set of materials is designed to help parents and teachers of infants who are visually impaired become involved as primary members of the intervention team.

Practitioners Manual Includes:

- Parent Assessment of Needs
- Parent Observation Protocol (POP)
- PAIVI Assessment Guides
- The Art of Home Visiting
- CD-ROM w/accessible files

PAIVI Parent Booklets (also available separately):

- *Learning Together: A Parent Guide to Socially Based Routines for Very Young Children with Visual Impairments*: This booklet offers strategies for parents to embed learning opportunities within everyday activities such as mealtime, bathtime, bedtime, playtime, storytime, and going out.
- *Getting Ready for Preschool: A Parent Guide to Transition*: This booklet discusses moving from early intervention to preschool services.
- CD-ROM with accessible files including a .brf in UEB for each booklet.

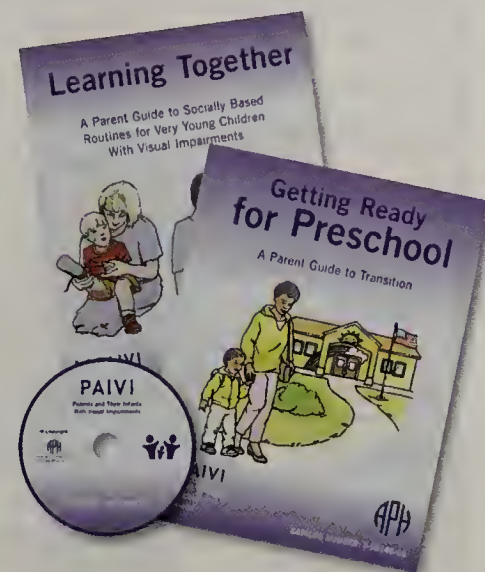
PAIVI materials are available as a complete kit or set of parent booklets only.

Parents and Their Infants With Visual Impairments (PAIVI), 2nd Ed.

Complete Kit, regular print and CD-ROM: 7-96149-00.....\$45.00

Replacement Items

Learning Together and Getting Ready for Preschool set of regular print parent booklets and CD-ROM only: 7-96148-00.....\$21.00



This included set of parent booklets and CD-ROM is also available separately.

Parenting with a Visual Impairment: Advice for Raising Babies and Young Children

The parents in this book each completed an extensive written questionnaire and a 90-minute phone interview about how they accomplished parenting tasks using non-visual techniques.

A Few Features:

- Helps Transition students realize that their visual impairment should not stop them from including parenthood in their future plans
- Gives adults who have lost vision tools to continue to care for their children

Recommended ages: Middle School and up.

Parenting with a Visual Impairment:

Large Print w/Audio CDs: 8-00100-00.....\$79.00

Braille w/Audio CDs: 6-00100-00.....\$89.00

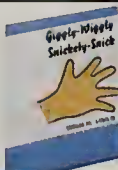





Included audio CD set can be played on a CD player or on your computer.

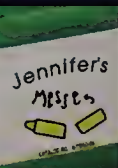




On the Way to Literacy: Early Experiences for Visually Impaired Children

This handbook and series of 18 storybooks contain vital information and activities to enhance the development of literacy in young blind and visually impaired children. Recommended ages for storybooks: 2 1/2 to 5 years, *except Gumdrops Tree*.

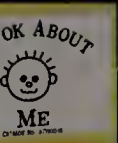
On the Way Storybooks with Real Objects and Textures

Title	Description	Catalog No.	Price
<i>Giggly-Wiggly, Snickety-Snick</i> (Set III) 	Words capture a range of tactile experiences – bumpy, smooth, crunchy, etc. Envelopes on the pages can be filled with real objects (<i>not included</i>).	6-77502-05	\$67.00
<i>Something Special</i> (Set I) 	A young child searches for a lost possession; features objects fixed to the book pages.	6-77500-05	\$73.00
<i>That's Not My Bear</i> (Set II) 	A well-loved teddy bear is lost and cannot be replaced. The special bear and others offered by the family are represented by furry shapes.	6-77501-01	\$51.00
<i>Geraldine's Blanket</i> (Set II) 	A girl's treasured blanket becomes worn and patched over time, but is never outgrown. Squares of fabric illustrate the fate of the blanket.	6-77501-02	\$82.00

On the Way Storybooks Illustrated with Thermoforms (molded plastic shapes)









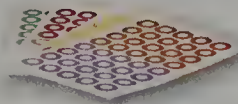
Title	Description	Catalog No.	Price
<i>Jennifer's Messes</i> (Set I) 	Thermoforms of familiar objects such as breakfast cereal, pretzels, and crayons illustrate the messes made by Jennifer.	6-77500-06	\$73.00
<i>Jellybean Jungle</i> (Set III) 	A counting rhyme about a magical jungle filled with jellybeans. Scented stickers included.	6-77502-01	\$84.00
<i>Gobs of Gum</i> (Set I) 	A rhyming story about "big blobs, small gobs, and sticky icky strings of bubblegum." Scented stickers included.	6-77500-08	\$54.00
<i>Roly-Poly Man</i> (Set I) 	A young child creates a "roly-poly" figure from pieces of clay.	6-77500-07	\$65.00
<i>Thingamajig</i> (Set III) 	Jamie is a collector of "thingamajigs" – coins, marbles, buttons, and other common objects. His treasures introduce the concept of grouping items, and identifying missing items.	6-77502-04	\$59.00

Special On the Way Book Lets Children Create a Story About Themselves


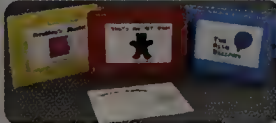

Title	Description	Catalog No.	Price
<i>Book About Me</i> (Set I) 	A "Me Book" for children to create, with fill-in-the-blank sentences in braille and print, and space to add illustrations and text.	6-77500-10	\$27.00

Note:  = Includes sticker pack.

On the Way Storybooks with Raised-Line Drawings

Title	Description	Catalog No.	Price
<i>The Longest Noodle (Set I)</i> 	A child finds the world's longest noodle. Raised lines illustrate a shoelace, a jump rope, etc.	6-77500-01	\$34.00
<i>The Blue Balloon (Set II)</i> 	A special balloon takes on extraordinary shapes and performs amazing feats. Illustrated with brightly colored, raised balloon shapes.	6-77501-03	\$46.00
<i>The Littlest Pumpkin (see related puzzles below)</i> 	When the littlest pumpkin in the patch isn't chosen to become a jack-o'-lantern, things seem very bleak – until a child discovers his hiding place! Raised lines and die-cut foam pumpkins.	6-77504-00	\$64.00
<i>That Terrible, Awful Day (Set I)</i> 	A young child's popsicle gets smaller as everyone shares a taste.	6-77500-04	\$25.00
<i>The Caterpillar (Set I)</i> 	A visually impaired child discovers something in her backyard. Has raised line drawings of a hand, foot, steps, and a fuzzy fabric caterpillar.	6-77500-02	\$34.00
<i>Silly Squiggles (Set I)</i> 	A wormlike creature stretches, squeezes, and squirms into various shapes in this rhyming story.	6-77500-09	\$29.00
<i>Bumpy Rolls Away (Set I)</i> 	Bumpy the Ball rolls down a hill, down steps, onto a sidewalk, along an alley, and into a box.	6-77500-03	\$34.00
<i>The Gumdrop Tree (Set III)</i> 	A tree which grows from a gumdrop! The raised-line drawings depict the growth of the tree. Includes scented stickers. ⚠ WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without adult supervision.	6-77502-03 	\$119.00

On the Way to Literacy Book Sets

Title	Description	Catalog No.	Price
OTWL: Book Set I 	One print handbook and one each of: <i>Something Special</i> ; <i>Jennifer's Messes</i> ; <i>Gobs of Gum</i> ; <i>Roly-Poly Man</i> ; <i>The Longest Noodle</i> ; <i>That Terrible, Awful Day</i> ; <i>The Caterpillar</i> ; <i>Bumpy Rolls Away</i> ; <i>Silly Squiggles</i> ; <i>Book About Me</i> . 10 storybooks total.	6-77500-00	\$502.00
OTWL: Book Set II 	One each of: <i>That's Not My Bear</i> , <i>Geraldine's Blanket</i> , <i>The Blue Balloon</i> . 3 storybooks total.	6-77501-00	\$179.00
OTWL: Book Set III 	One each of: <i>Giggly-Wiggly</i> , <i>Snickety-Snick</i> ; <i>Jellybean Jungle</i> ; <i>Thingamajig</i> ; ⚠ <i>The Gumdrop Tree</i> . 4 storybooks total. <i>Gumdrop Tree</i> 5 years and up.	6-77502-00	\$329.00

EARLY CHILDHOOD

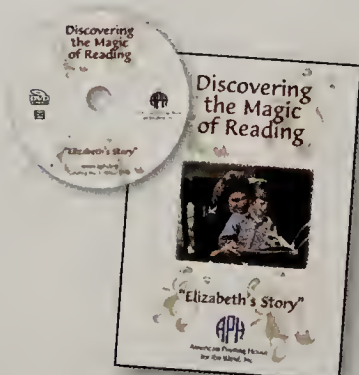
On the Way to Literacy Handbook, 2nd Edition

This handbook guides teachers and parents in supporting a young child's first steps towards literacy. Each edition includes a CD of accessible files.

On the Way to Literacy Handbook, 2nd Edition:

Print: 8-77520-00.....\$54.00

Braille: 6-77520-00.....\$159.00



Related On the Way Product: *Discovering the Magic of Reading: "Elizabeth's Story"*

This 24-minute video and included booklet examine ways that parents and teachers of young visually impaired children can make the vital experience of reading aloud enjoyable and meaningful.

1-30002-DVD.....\$25.00

Additional Booklet only (10-pk): 7-30002-00.....\$32.00

Revised!

Related On the Way Product: Pumpkin Puzzles



APH offers two pumpkin puzzles related to the On the Way to Literacy book *The Littlest Pumpkin*. These puzzles, sold as a set, depict the Littlest Pumpkin and another jack-o'-lantern face. Orange and black foam puzzle pieces are reversible. **Now made with a stronger material.**

1-08835-01.....\$29.00

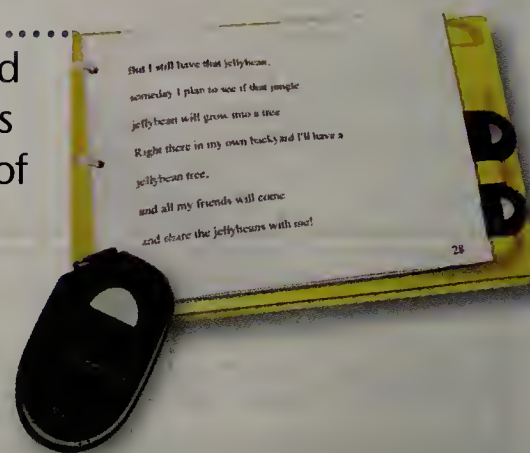
Related On the Way Product: APH SoundPage

The APH SoundPage, allows readers to create their own sound effects and recordings. Holds up to 3 eight-second digital recording/playback devices (2 included in basic set), the page can be clipped into the 3-ring binder of any OWTL storybook.

APH SoundPage: 6-77505-00.....\$47.00

Replacement Item:

Additional Digital Recording Device: 6-77505-01.....\$10.00



Alphabet Scramble Storybook

A read-aloud storybook promoting emergent and early literacy skills. The rhyming story tells of a "family" of alphabet letters as each sets out to explore the page. As each letter takes a turn crossing the page—shown as a line of repeating letters—the child has the motivation to track along the line of braille, gaining skill in the hand movements used for braille reading.

Alphabet Scramble Storybook: 5-01199-00.....\$47.00



Optional Item: *Alphabet Scramble, Notes to Reader*, Braille: 5-01198-00.....\$13.00

VIPS@Home: Parent Empowerment Program **UEB**

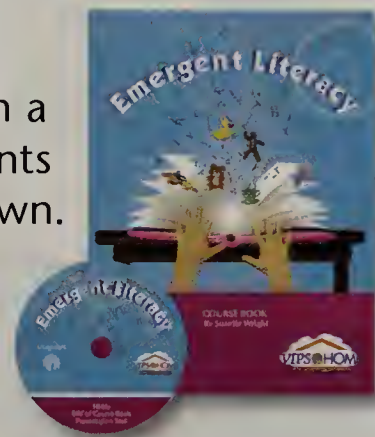
This three-module program developed from a partnership between APH and Visually Impaired Preschool Services (VIPS) offers courses for parents that can be studied at home.

Because visual impairment is a low-incidence disability, a family with a young child who is blind may have never known anyone who is blind or visually impaired. VIPS@Home: Parent Empowerment Program addresses these needs by offering courses for parents that can be studied in the home, making it possible to get information to families at their convenience. These materials offer opportunities for connecting with professionals and other parents for support.

Course Descriptions (Each course includes a Large Print Course Book and CD-ROM with accessible files including a .brf in Unified English Braille (UEB) and a presentation tool):

- **Emergent Literacy**

This course helps parents become comfortable reading to their child with a visual impairment as they learn how to make story time come alive. Parents learn how to make a story box, adapt books, and create books of their own.

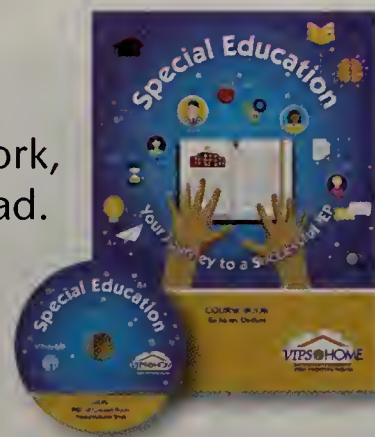


- **Power at Your Fingertips**

This course provides a concise and family-friendly introduction to braille. Parents can begin to experience the joy of learning braille without the frustration of enormous textbooks. Parents will learn how to bring braille literacy into their everyday routines and discover numerous resources for child-ready braille materials.

- **Special Education: Your Journey to a Successful IEP**

This course helps demystify conferences and paperwork, and puts parents at ease during the school years ahead.



Recommended ages: Birth to 5 years.

VIPS@Home: Parent Empowerment Program:

Emergent Literacy: 8-00076-00.....\$19.00

Power At Your Fingertips: 8-00075-00.....\$19.00

Special Education: Your Journey to a Successful IEP: 8-00078-00.....\$19.00

Note: VIPS@Home IS available with Quota funds.



Ordering for U.S. Customers: shop.aph.org

Moving Ahead Series

A follow-up to APH's On the Way to Literacy Series, Moving Ahead storybooks introduce symbolic representation, more complex illustrations, and an increased emphasis on text. Each storybook includes a Large Print *Reader's Guide* (braille edition sold separately) that contains general information, tips on using the storybook, and additional resources. Also included are braille words on customer-applied labels, allowing the reader to choose contracted or uncontracted braille.

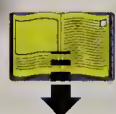
Goin' on a Bear Hunt



In the process of hunting for the bear, the reader follows a tactile line through the story, and at the end of the book is a fold-out tactile "map" to use in retelling the story.

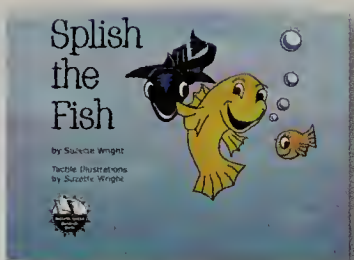
Recommended ages: Pre-K to 3rd grade.

Print/Braille Book w/Large Print *Reader's Guide*: 6-77903-00.....\$59.00



Optional *Reader's Guide* only, Braille: 6-77907-00.....\$11.00

Splish the Fish



The child tactually searches for Splish and helps him find his way back to his friends. An accompanying storyboard with Velcro®-backed pieces permits the child to retell the story.

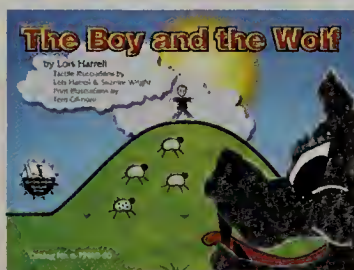
Recommended ages: Pre-K to Kindergarten.

Print/Braille Book w/Large Print *Reader's Guide*: 6-77902-00.....\$63.00



Optional *Reader's Guide* only, Braille: 6-77906-00.....FREE

The Boy and the Wolf



Tactually search the page for characters, count and compare like and different pairs of sheep, and notice differing orientations. Introduces a variety of concepts: left, right, top, bottom, near, far, first, last. Includes a storyboard and symbols.

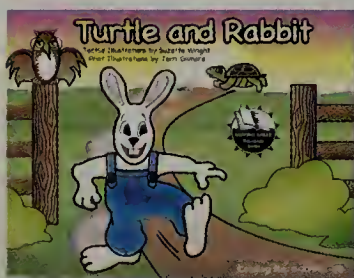
Recommended ages: Pre-K to 2nd grade.

Print/Braille Book w/Large Print *Reader's Guide*: 6-77900-00.....\$69.00



Optional *Reader's Guide* only, Braille: 6-77904-00.....\$14.00

Turtle and Rabbit



A retelling of the classic tale about the race between the tortoise and the hare. The tactile illustrations allow the child to follow the progress of the race by tracking from left to right along the raised lines of Turtle and Rabbit. Includes a storyboard and symbols for retelling the story.

Recommended ages: Pre-K to 2nd grade.

Print/Braille Book w/Large Print *Reader's Guide*: 6-77901-00.....\$68.00



Optional *Reader's Guide* only, Braille: 6-77905-00.....\$14.00

EARLY CHILDHOOD

THE JOY PLAYER



This easy-to-load, switch-activated music player allows individuals with visual and multiple impairments to access music and audio books. It is designed to use with the personal music player routine in APH's **Sensory Learning Kit (SLK)**. The Joy Player accommodates individuals who are developing fine motor skills, have limited mobility, or cognitive disability in addition to a visual impairment.

The Joy Player plays audio from three different types of portable electronic storage devices: SD card, USB flash drive, and Digital Talking Book (DTB) Cartridge. You simply copy any WAV or MP3 file onto one of these devices.

Includes

- Hook/Loop Strap, 65 inches
- Bag of caps and rings
- Recharger
- USB Cable
- DTB Cartridges (2)
- Instruction Book, Large Print
- Braille note on downloadable instructions

Note: Does not play pre-recorded books on DTB Cartridges from the National Library Service (NLS).

The chute is designed to help students with limited mobility skills to guide the cartridge. Unit has twist-on caps to temporarily reduce the number of button switches on the device; this reduces visual and cognitive complexity.

The Joy Player requires six, rechargeable, user-replaceable AA metal hydride batteries (included).

Measures: 13 1/2 x 6 1/2 x 2 inches, includes belt-loop feet.

Recommended ages: 3 years and up.

The Joy Player: 1-07089-00.....\$349.00 + shipping

Replacement Items



AC Adapter 12v DC

1Amp Output: 1-07092-00.....\$25.00

Cap and Ring Set, Black: 61-141-225.....\$15.90

Hook/Loop Strap, 65 x 1 1/2 inches, black: 61-141-226.....\$15.00

SHIPPING CHARGE

All shipments will incur actual UPS shipping rates based on the destination.



DTB Cartridge



Back of the Joy Player includes jacks for external switches

PARTS Fine Motor Development Materials: Twist, Turn, and Learn

Helps young children with visual and with multiple disabilities develop and enhance fine motor skills. Kit assists in developing reaching, grasping, raking, pincer grasp, wrist rotation, searching technique, palmar grasp, and visual-motor/visual-perceptual coordination.

Recommended ages: birth to 36 months, primarily for professionals.

Fine Motor Complete Set: 1-08420-00.....\$497.00



Replacement Item: Teacher's Guidebook only: 7-40400-00.....\$24.00

PARTS HANDS ON: Functional Activities for Visually Impaired Preschoolers

Helps children develop skills such as concentration, hand and visual coordination, ability to complete a cycle of activity, and socialization skills. Also helps develop a sense of order and a positive self-image.

The work progresses from jobs such as pouring beans to more complicated tasks such as preparing snacks.

Recommended ages: 3 to 6 years, for parents and professionals.

HANDS ON Kit: 1-03260-00.....\$253.00



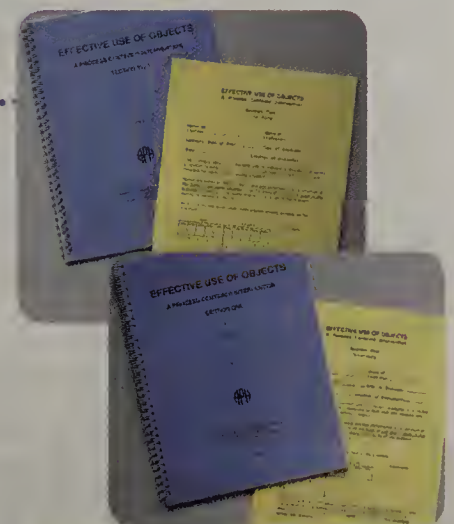
Replacement Item: HANDS ON Guidebook only: 7-52210-00.....\$59.00

Effective Use of Objects: A Process Centered Intervention

Helps learners with multiple disabilities develop task-oriented behavior that is self-regulating. Focuses on the kinds of problem-solving skills that encourage the functional use of objects. The first section stresses task orientation and exploration of the physical properties of objects. Section two addresses skills related to using objects in work sequences at a more advanced level.

Recommended ages: 2 to 7 years. For parents and professionals.

Effective Use of Objects: 7-35500-00.....\$61.00



Great Resources for CVI!

APH offers extensive web resources about Cortical Vision Impairment (CVI). Topics include: What is CVI? • Parents • Assessment/strategies • Literacy • Play • Expanded Core Curriculum • Orientation & Mobility • more!

tech.aph.org/cvi

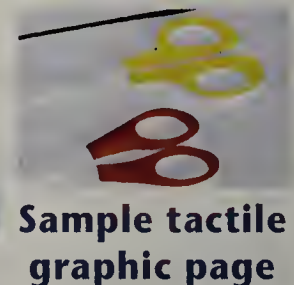
EARLY CHILDHOOD

Tactile Treasures: Math and Language Concepts for Young Children with Visual Impairments


Tactile Treasures Tactile/Color Edition is an informal assessment and teaching tool for use with children from preschool through elementary grades. It helps students develop an early understanding of basic concepts and vocabulary. By pairing tactile graphics of thermoformed real objects with included descriptive scripts/stories, over 90 concepts can be introduced and reinforced. Recommended ages: 3 years and up.

Note: Large Print guidebook is included. Braille guidebook available separately.

Tactile Treasures Tactile/Color Edition (Complete Kit): 1-08842-01.....\$429.00



Sample tactile graphic page


 **Optional Item:** Teacher's Guidebook, Braille: 61-151-313.....\$33.00

Replacement Item: Teacher's Guidebook, Large Print (w/CD-ROM): 61-151-312.....\$20.45

Giant Textured Beads with Pattern Matching Cards

Helps teachers and parents working with young blind and visually impaired students in preschool, kindergarten, and early elementary grades. Additionally, because the Pattern Matching Cards reinforce the tactile continuum from real object (most basic level) to raised-line graphics (most advanced level), students in higher grades will be challenged by the increasing difficulty posed by the "Platform" and "3-D View" matching cards.

Giant Textured Beads with Pattern Matching Cards: 1-03778-00.....\$163.00

 **WARNING: Strangulation Hazard**—Adults should be aware of the strangulation hazards associated with cords and take precautions through supervision and instruction to ensure children do not become entangled.

Replacement Items:

Giant Textured Beads: 1-03780-00.....\$71.00

Pattern Matching Cards: 1-03779-00.....\$55.00

Bead Stringer: 1-03790-00.....\$4.25



 Giant Textured Beads with Pattern Matching

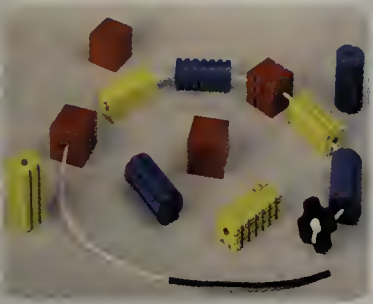
Cards Guidebook, Print and Braille: www.aph.org/manuals/#alpha-g



American Printing House
for the Blind ~ Shopping



Ordering for U.S. Customers: shop.aph.org



PARTS Giant Textured Beads

Introduces a variety of concepts, including shape, color, and texture. Also assists in the development of muscular and eye-hand coordination. Shapes have three textures: smooth, striped, and a grid. A bead stringer is included.

Recommended ages: 3 to 6 years.

1-03780-00.....\$71.00

Replacement Item: Stringer only: 1-03790-00.....\$4.25



WARNING: Strangulation Hazard—Adults should be aware of the strangulation hazards associated with cords and take precautions through supervision and instruction to ensure children do not become entangled.

VIPS Video Library

This video library from Visually Impaired Preschool Services (VIPS) is a series of essential videos for parents and caregivers of young children who are visually impaired. This library offers practical and proven techniques that foster the development of children who are visually impaired and blind.

Note: VIPS Video Library is *not available with Quota funds*.

Seeing Things in a New Way:

1-30024-DVD.....\$50.00

Learning About the World:

1-30025-DVD.....\$57.00

Becoming a "Can-Do" Kid:

1-30026-DVD.....\$57.00

Making Friends: 1-30027-DVD.....\$57.00

Going Places: 1-30028-DVD.....\$57.00

Through Their Eyes: 1-30029-DVD.....\$50.00

Moving Through the World:

1-30030-DVD.....\$57.00

Hands on Experience:

1-30031-DVD.....\$57.00

*Successfully Adapting the
Preschool Environment:*

1-30032-DVD.....\$57.00

Power at Your Fingertips: 1-30033-DVD.....\$85.00

Full of Hope: 1-30034-DVD.....\$64.00

*Growing My Way — Part 1: (3–18 mo. old),
3-Video Series:* 1-30035-DVD.....\$150.00

*Growing My Way — Part 2: (24–36 mo. old),
3-Video Series:* 1-30036-DVD.....\$171.00



Fred's Head from APH

A Better Living Blog for People Who Are Blind or Visually Impaired

APH's **Fred's Head Blog** is a collection of thousands of helpful articles by and for blind and visually impaired people. Fred's Head is accessible, easy to search, and free-of-charge. **www.fredshead.info**

Follow
us on



We want YOU to contribute to Fred's Head!

EARLY CHILDHOOD

Textured Pegs

Helps develop fine motor skills, manual dexterity, and grasp/release skills, reinforcing concepts of direction and position.

Recommended ages: 1 to 6 years.

1-08930-00.....\$43.00

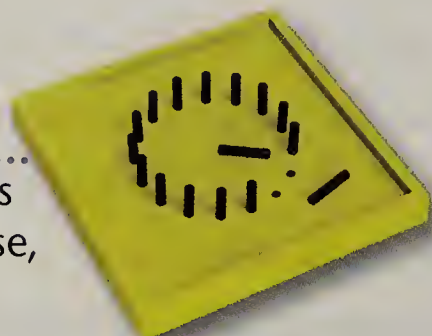


Peg-A-Circle Set

Assists in teaching concepts of next, sequence, clockwise, and counterclockwise.

Recommended ages: 3 years and up.

1-08550-00.....\$55.00



PARTS Puzzle Form Board Kit

The Puzzle Form Board Kit is a supplementary aid for teaching basic concepts such as shape, texture, color, size, and matching.

Recommended ages: 3 years and up.

1-03721-00.....\$130.00



PARTS Peg Kit

Helps children develop skills in manipulation; number and language concepts; and color, size, and tactual discrimination.

Recommended ages: 3 to 8 years.

1-03420-00.....\$56.00



Sensory Cylinder Set

Develops skills in manipulation; number and language concepts; and tactual, color, and weight discrimination.

No two cylinder matches of weight, texture, or color can be made simultaneously.

Recommended ages: 3 years and up.

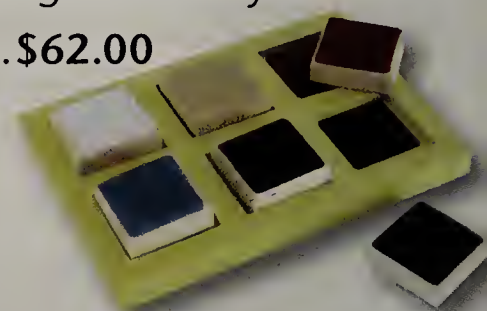
1-03670-00.....\$78.00

Textured Matching Blocks

Encourages recognition of textures, identification of textures by name, and tactual matching, while reinforcing directional and positional concepts.

Recommended ages: 3 to 6 years.

1-08950-00.....\$62.00



Sound Matching Board I

Develops fine motor skills and auditory matching and discrimination, with the capability of introducing sequential order.

Recommended ages: 3 years and up.

1-08710-00.....\$73.00



Sound Matching Board II

Helps develop concepts of a series, directions, positions, matching, and discrimination.

Eight shakers with four different sounds.

Recommended ages: 3 years and up.

1-08720-00.....\$57.00



Shape Board

Board has proportional shapes that contrast brightly against the yellow pegboard and aid in understanding up, down, right, and left.

Consists of 25 geometric figures and a board with three columns of five pegs.

Recommended ages: 4 years and up.

1-03710-01.....\$92.00



Small, Medium, and Large Circles, Set I

Introduces the concept of fine size discrimination. Frame contains three recessed nests for holding six foam circles of various sizes.

Recommended ages: 1 to 6 years.

1-08590-00.....\$21.00



Small, Medium, and Large Circles, Set II

Facilitates perception of three dimensions, while strengthening manipulative, matching, and discrimination skills. Base has three pegs for sorting circles. As circle diameter increases, thickness decreases.

Recommended ages: 3 to 6 years.

1-08600-00.....\$58.00



Tangle Toy

With its infinite knot shapes and variety of colors and textures, the Tangle Toy® can be used to encourage a child to explore, move, and play.

Tangle Book activities and games help sighted and visually impaired peers refine motor skills, color discrimination, and tactile discrimination.

Tangle Toy and *Tangle Book* Kit: (includes one large print guidebook and three Tangle Toys): 1-08750-00.....\$57.00

Optional Item: Guidebook, Braille: 5-08750-00.....\$24.00

Replacement Item: Guidebook, Large Print: 7-08750-00.....\$16.00



WARNING: Choking Hazard—Small Parts.

Not intended for children ages 5 and under without adult supervision.

Spangle Tangle: Play and Explore

Provides opportunities for learners to improve visual and tactile attention, communication, and creativity. Through specially designed activities, the learner develops motor, problem-solving, cognitive, self-care, social, and pre-braille skills.

Recommended ages: 5 years and up.

Spangle Tangle: 1-08755-00.....\$126.00

WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without adult supervision.

Replacement Item

Spangle Tangle Guidebook, Large Print w/CD-ROM: 7-08755-00.....\$20.00



Guidebook describes 23 activities/ games. Stand and Tubes can be used with APH's Tangle Toy.

EARLY CHILDHOOD

Work-Play Trays

Durable trays hold objects which might roll out of reach. Trays provide enclosed work space for sorting, matching, classifying, counting.

Two sizes and colors:

Small Work-Play Tray (17 x 11 3/4 inches):

Black: 1-03751-00.....\$24.50 Yellow: 1-03660-00.....\$24.50

Dividers for Small Work-Play Tray (4 pk. – two, three, four, or five parts): 1-03770-00.....\$31.00

Large Work-Play Tray (21 1/4 x 13 1/4 inches):

Black: 1-03761-00.....\$25.00 Yellow: 1-03740-00.....\$26.00



Dividers are not available for the large tray.

Jumbo Work/Play Tray

The Jumbo Work/Play Tray provides learners who have visual impairments and significant challenges with a tool in which they can play, explore, and learn independently. The large size (24 x 24 inches) allows ample space for active learning and prevents toys from rolling out of reach.

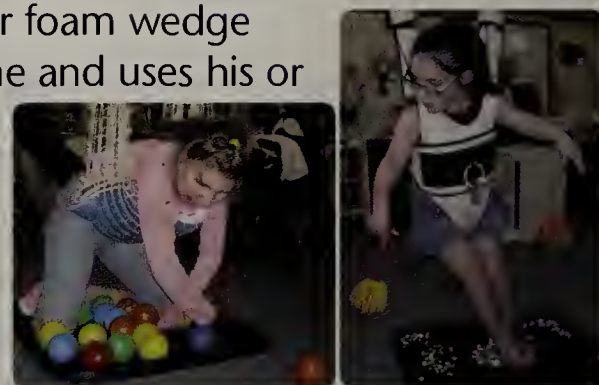
Can be used with:

- A HOPSA Dress™ or similar device so a child uses her feet on the tray
- A child sitting on the tray
- A swing, hammock, or foam wedge while the child is prone and uses his or her hands on the tray

A yellow liner accompanies the tray for additional color contrast.

Adhesive foam (*included*) can be cut and placed on the bottom of the tray to protect floors or prevent sliding.

Jumbo Work/Play Tray with insert: 1-03764-00.....\$59.00



**Balls and toys not included.*

Sound Adapted Tangle Ball Kit

Watch your child be creative with his/her "first sound ball." This ball is great for educational play and doubles as a teething toy.

Develops hand-eye coordination, sound localization skills, fine motor skills, and interaction with others.

Made of safe, soft plastic material. **Note:** Interior ball can be removed if desired. Some assembly required.



Recommended ages: 6 months and up, with adult supervision.

Sound Adapted Tangle® Ball Kit
(3 Balls): 1-08111-00.....\$38.00



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without adult supervision.



Rolling Into Place

As the Velcro® ball is rolled to its final "surprise" destination, important hand skills and basic directional concepts are learned and reinforced. This interactive storybook's simultaneous visual, tactile, and auditory feedback help the child attend to the path traveled by the ball. Also included are an assortment of interactive Velcro face pieces and suggested activities.

Rolling Into Place™: 1-08450-00.....\$81.00

WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without adult supervision.



Rolling Right Along Construction Kit

This kit allows teachers and parents to construct books similar to APH's *Rolling Into Place* (above). Using provided accordion-folded panels, Velcro® brand pathways, and accessory items (e.g., brailleable sheets), self-designed books can be tailored to the interests and needs of a blind and visually impaired child.

Rolling Right Along Construction Kit™: 1-08451-00.....\$68.00

WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without adult supervision.

Sticky Dots Adhesive

Tactile graphics projects are easier with Sticky Dots – make any lightweight objects self-adhesive! Use to create tactile books, worksheets, adapted game boards, etc. These sheets of self-adhesive dots allow you to transfer the dots to a wide range of materials, e.g., felt, craft foam, textured paper, etc. Package includes eight 8 1/2 x 11 inch sheets in a tear-off pad.

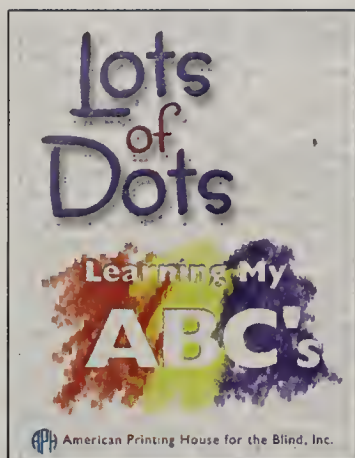
Sticky Dots Adhesive™: 1-08452-00.....\$9.00

Not available with Quota funds.



APH News — Your APH Connection!

- Free monthly web newsletter features the latest products and services, events, staff, and more
- Read on the web: www.aph.org
- Receive email with link to the latest issue of APH News.



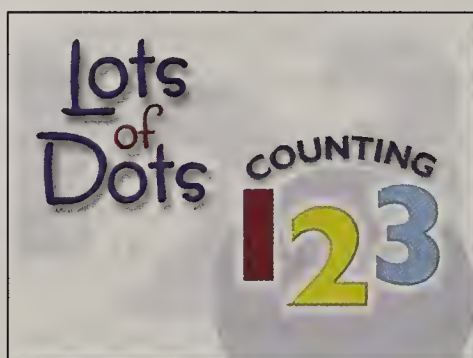
Lots of Dots: Learning My ABC's

This learning tool is an exciting raised-line coloring book designed for future large print and braille readers. It facilitates braille character recognition through repetitive activities.

Attached to the inside front cover is a plastic stencil of the jumbo cell that can be folded over the blank pages, allowing the student to practice the braille cell for that letter.

Recommended ages: Pre-K and up.

Lots of Dots: Learning My ABC's: 1-10000-00.....\$40.00



Lots of Dots: Counting 1 2 3

This book presents numbers 0-30 and then integers of 10 up to 90.

Attached to the inside front cover is a plastic stencil of 3 large braille cells. This can be folded over the blank pages, allowing the child to practice the braille cell for the number by tracing or by using the accompanying foam braille chips. This book uses uncontracted braille.

Recommended ages: Pre-K and up.

Lots of Dots: Counting 1 2 3: 1-10001-00.....\$45.00



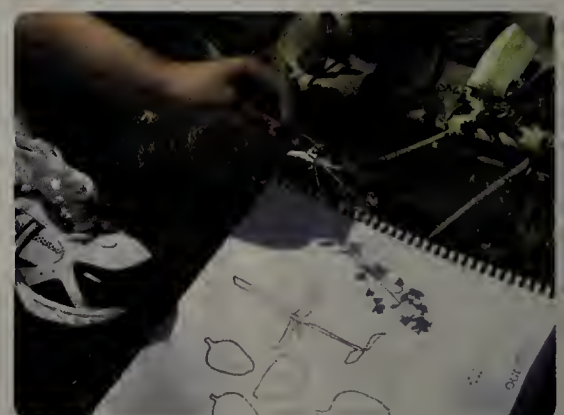
Lots of Dots: Coloring the Garden

This book presents a variety of fruits, vegetables, and herbs, and introduces picture building. It begins with an empty garden; each page adds a new feature, i.e., clouds, rain, seeds, and plants. Once the garden has grown, a new garden item is introduced for the child to color. The enrichment

activities are simple recipes that the child and parents/siblings/teachers can do together. The activities present daily living skills, such as working with plants, organizing, and food preparation. Uncontracted and contracted braille are used.

Recommended ages: Pre-K and up.

Lots of Dots: Coloring the Garden: 1-10002-00.....\$37.00



***Comparing Shadows activity from
Lots of Dots: Coloring the Garden***

Core Curriculum:

English Language Arts

Section Index

All Aboard!	Turbo Phonics.....	38
The Sight Word Activity Express	Wilson Reading System	
Magnetic Dry Erase Board	Kits	40
<i>Brain Quest: English</i>	Instructional Materials	40-41
Expanded Dolch Word Cards	Word PlayHouse.....	38
NEW! Tactile Editing Marks Kit.....		39

English Language Arts Related Products

Building on Patterns Series.....	103-107	On the Way to Literacy	22-24
Card Chart Kit.....	94	Talking Word Puzzles Software.....	172
Moving Ahead Series	26	Test Ready Language Arts	15



Brain Quest

APH has published four large print/braille editions of the popular Workman Publishing quiz game series *Brain Quest®: 1000 Questions and Answers*.

Recommended ages: 9 years and up.

American History:

6-17001-00.....\$145.00

English:

6-17002-00.....\$140.00

Geography:

6-17003-00.....\$140.00

Science:

6-17000-00.....\$140.00

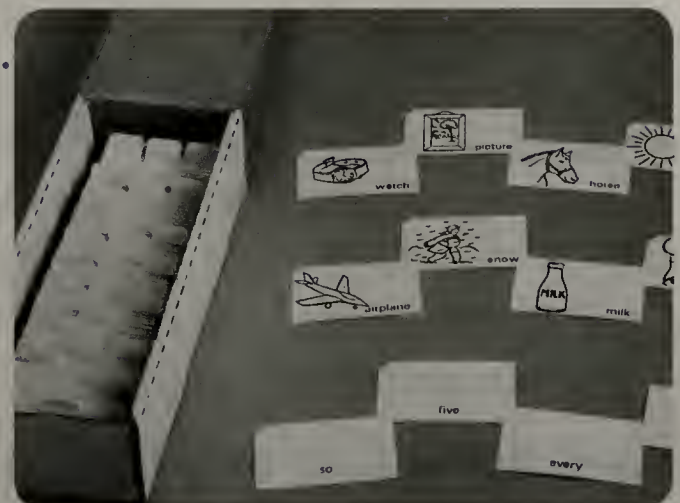
Expanded Dolch Word Cards

These flashcards, consisting of 220 sight vocabulary words and 95 words with pictures, can be used for reading practice or an informal assessment of a student's ability to read words in contracted braille and to spell words in uncontracted braille. 30 blank cards allow for adding words. Indexing tabs and storage box included. **Note:** *UEB edition coming in future!*

Recommended ages: 5 years and up.

Expanded Dolch Word Cards: 1-03560-00.....\$27.00

Note: This can be used with the Card Chart Kit, 1-03550-00 or Braille Contraction Cards, 1-03561-00.



Turbo Phonics

Turbo Phonics is a computer-based, phonemic awareness and phonics program for young students who are preparing to develop reading skills. Turbo Phonics features high-contrast graphics, audio reinforcement, exciting race car sounds, racing graphics, and student-friendly interface. This program helps the teacher track student performance and identify skills in which the student may need further practice.

Recommended ages: 4 to 6 years

Turbo Phonics Kit: D-00100-00.....\$170.00

Optional Item:

Turbo Phonics Guidebook, Braille (w/CD-ROM of accessible files): 5-00100-00.....\$156.00

Replacement Items:

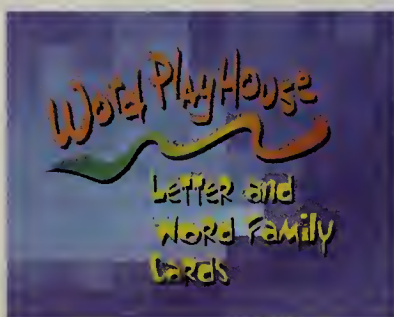
Turbo Phonics

Student Activity Book (5-pk.): 7-00100-01.....\$60.00

Teacher's Guidebook, Enhanced Print (w/CD-ROM of accessible files): 7-00100-00.....\$118.00



Note: Enhanced print is large print with special formatting



Word PlayHouse

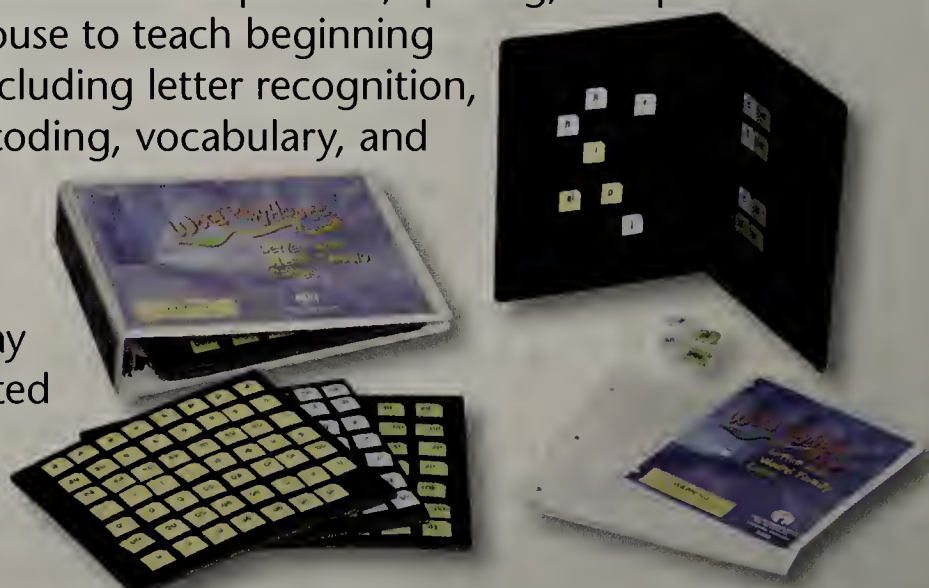
Word PlayHouse helps students focus on phonics, spelling, and phonemic awareness. Use Word PlayHouse to teach beginning phonics and reading skills including letter recognition, braille code recognition, decoding, vocabulary, and spelling skills.

Kit Includes:

- 435 letter tiles in large print with a braille overlay and a Velcro® backing. Tiles containing contracted and uncontracted braille are included for some blends and word families.
- A bi-fold felt work board provides a working space for the student. One side can be used for working storage of letters, the other side can be used as a working space for manipulating letters.
- A storage binder, with five Veltex® covered binder inserts.

Recommended ages: 5 to 8 years

Word PlayHouse: 1-03562-00.....\$273.00



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without adult supervision.

New!

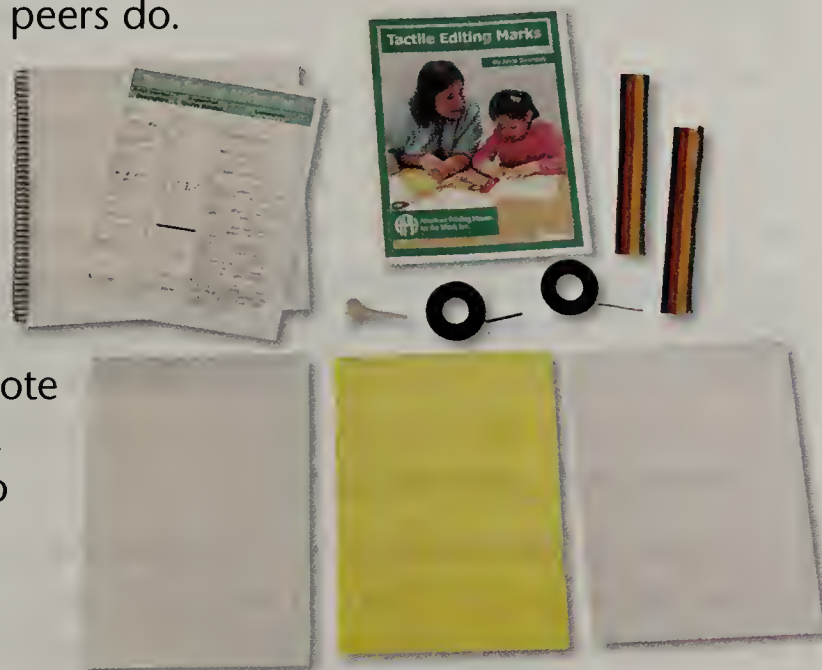
Tactile Editing Marks Kit **UEB**



Young students with visual impairments who use a braillewriter often require additional support with revising and editing, which can be cumbersome on a braille. The use of tactile editing marks provides these beginning writers with a concrete way to indicate changes on their braille drafts as they revise and edit short pieces. Tactile editing marks enable students to write final correct copies of their work independently, just as their typically sighted peers do.

Tactile Editing Marks Kit:

- provides beginning writers with a concrete understanding of the revision and editing processes
- increases younger students' independence in producing final copies on the braillewriter
- enables some students who use electronic devices to note mechanical corrections, formatting needs, and content changes on their embossed drafts and transfer them to their electronic files
- provides a systematic way for teachers and students to share thoughts about writing



Includes:

- Self-adhesive braille editing marks, 5 sheets
- 2-inch self-adhesive clear labels, 5 sheets
- 3-inch self-adhesive clear labels, 5 sheets
- Wooden Braille Eraser
- 1/8-inch roll of Graphic Art Tape
- 1/16-inch roll of Graphic Art Tape
- 8-inch Wikki Stix, 2 pks.
- Teacher's manual, large print
- Tactile editing marks chart, in large print and in braille

Note: The braille teacher's manual is available as a free download.

Recommended ages: 5 years and up.

Tactile Editing Marks Kit: 1-08896-00...\$59.00

Replacement Items

Label Pack (5 ea. of 2-inch self-adhesive clear, 3-inch self-adhesive clear, and self-adhesive braille editing marks): 61-152-111.....\$26.55

Wooden Braille Eraser: 1-00270-00.....\$3.00

Wooden Braille Eraser

Label Pack

Optional Item



Teacher's Manual, Braille: Free download www.apf.org/manuals/



Wilson Reading System (WRS) and Instructional Materials

Wilson Reading System® is a complete curriculum for teaching decoding and encoding (spelling), beginning with phoneme segmentation. WRS provides an organized, sequential system with extensive controlled text to help teachers implement a multi-sensory structured language program.

This system specifically addresses the learning style of students with a language-based learning disability; however, it is beneficial to any student lacking basic reading and spelling skills.

The Wilson Reading System is authored by Barbara A. Wilson and published by Wilson Language Training Corporation. Permission has been granted to APH to publish the braille and large print versions. For more information and professional development opportunities on the use of the program, please visit: www.wilsonlanguage.com

How to get your Teacher's Brochure and Teacher Manuals:

Download the free Teacher's Brochure for more information on using the Wilson Reading Program with Braille Readers @ www.aph.org/manuals/

Teacher Manuals are NOT included in these kits. Teacher Manuals may be ordered from Wilson Language Training @ <http://www.wilsonlanguage.com/>

Please contact Wilson Language Training Corporation for training opportunities and information on Wilson Certification.



The Teacher's Brochure included in the Student Braille Kits is available as a free download in accessible formats from the APH website: www.aph.org/manuals/

Wilson Reading System is a registered trademark of Wilson Language Training Corporation.

WRS Instructional Materials

All WRS materials use a color-coding and numbering system for organization. Cards and tiles are color-coded, ivory, salmon, and green for low vision users. Tactile symbols alert the braille reader to the type of card. Cards and tiles have both large print and braille.

Sound Cards: Sound combinations and consonant and vowel phonemes are printed on one side of these flashcards; keywords, pronunciation and substep codes are printed on the reverse. A CD-ROM is included in accessible formats.

Word Cards: The two sets of word cards reinforce the concepts taught in the WRS and are designed for one-to-one instruction. Words are embossed in uncontracted braille followed by contracted braille. Nonsense words are in uncontracted braille only.

Syllable Cards: A selection of words from Steps 1-3 segmented into syllables, with one syllable per card.

WRS Magnetic Journal with Letter Tiles: The Magnetic Journal with Letter Tiles allows students to manipulate word parts in preparation for written work. Additional tiles have been added to the original Wilson Reading System set to include letter combinations in contracted and uncontracted braille. Includes: Folding Magnetic Journal and several color-coded Large Print/Braille Letter Tiles.

Recommended grades: 2 and up.



WRS Card Sets with Carry Case

Includes: Sound Cards with CD-ROM, Word Cards, Syllable Cards, and Carry Case.

WRS Kits and Instructional Materials, cont.

Wilson Reading System Student Braille Kits:

Student Reader One, Supplemental Worksheets One, Modified Workbooks 1A and 1B, Teacher's Brochure, and WADE Sheets: 6-79501-SK1.....\$251.00

Student Reader Two, Supplemental Worksheets Two, Modified Workbooks 2A and 2B, and Teacher's Brochure: 6-79501-SK2.....\$229.00

Student Reader Three, Supplemental Worksheets Three, Modified Workbooks 3A and 3B, and Teacher's Brochure: 6-79501-SK3.....\$229.00

Wilson Reading System Student Large Print Kits:

Student Reader One and Workbooks 1A and 1B: 8-79501-SK1.....\$37.00

Student Reader Two and Workbooks 2A and 2B: 8-79501-SK2.....\$37.00

Student Reader Three and Workbooks 3A and 3B: 8-79501-SK3.....\$37.00

Wilson Reading System Instructional Materials:

Card Sets w/Carry Case: 6-79505-00.....\$139.00

Print/Braille Magnetic Tiles and Journal: 6-79506-00.....\$61.00

Replacement Items

Wilson Reading System Braille:

Student Reader One: 6-79502-01.....\$45.00

Supplemental Worksheets One: 6-79502-SW.....\$66.00

Modified Workbook 1A: 6-79502-WA.....\$48.00

Modified Workbook 1B: 6-79502-WB.....\$44.00

WADE (Wilson Assessment of Decoding and Encoding) Student Sheets: 6-79507-00.....\$29.00

Student Reader Two: 6-79503-01.....\$42.00

Supplemental Worksheets Two: 6-79503-SW.....\$66.00

Modified Workbook 2A: 6-79503-WA.....\$53.00

Modified Workbook 2B: 6-79503-WB.....\$68.00

Student Reader Three: 6-79504-01.....\$42.00

Supplemental Worksheets Three: 6-79504-SW.....\$66.00

Modified Workbook 3A: 6-79504-WA.....\$53.00

Modified Workbook 3B: 6-79504-WB.....\$68.00

Wilson Reading System Large Print:

Student Reader One: 8-79502-00.....\$16.00

Student Workbook 1A: 8-79502-WA.....\$11.00

Student Workbook 1B: 8-79502-WB.....\$10.00

Student Reader Two: 8-79503-00.....\$16.00

Student Workbook 2A: 8-79503-WA.....\$11.00

Student Workbook 2B: 8-79503-WB.....\$10.00

Magnetic Journal with Letter Tiles



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without adult supervision.

Note: WRS Instructional Materials are needed to work with the WRS Large Print and Braille Student Kits.

Wilson Reading System Student Braille Kit Three



Student Reader Three: 8-79504-00.....\$16.00

Student Workbook 3A: 8-79504-WA.....\$11.00

Student Workbook 3B: 8-79504-WB.....\$10.00

All Aboard! The Sight Word Activity Express **UEB**

Note: Not all word labels shown


This set of interactive and versatile magnetic print/braille labels can be used for instruction and assessment of a student's recognition of sight ("high frequency") words — the most commonly used words in the English language. The list of 220 words (prepositions, conjunctions, pronouns, adjectives, adverbs, and verbs), plus 95 nouns or "picture words," was developed by Edward W. Dolch and is referred to as the "Dolch® Basic Sight Word List."

All Aboard! Includes


- Braille/Print Magnetic Word Labels, Contracted and Uncontracted
- Accessory Labels
- Storage Binder
- Double-sided, 3-hole punched Word Label Pocket Pages
- Magnetic Sorting Strips stored in a clear 3-hole punched resealable pouch
- All Aboard Magnetic/Dry-Erase Board
- Large Print Teacher's Guidebook w/ CD-ROM

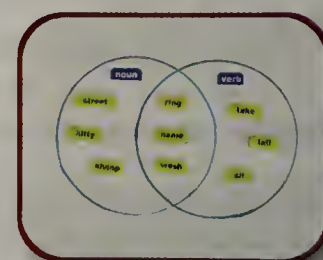
Notes:

 A free-of-charge braille-ready file (brf) of the Teacher's Guidebook is available for download at: www.aph.org/manuals/

 A free-of-charge Microsoft® Excel® spreadsheet of the Sight Word Assessment Checklist is available for download at: www.aph.org/manuals/

All Aboard! The Sight Word Activity Express: 1-03558-00.....\$269.00

 **WARNING: Choking Hazard**—Small Parts. Not intended for children ages 5 and under without adult supervision.



Example activities



All Aboard Magnetic Dry Erase Board



This board can be purchased separately if an additional board is needed. It can also be used as a standalone product to accommodate other activities involving magnetic-backed pieces or activities requiring dry erase markers. The working surface of the board measures 13 1/2 x 10 11/16 inches and is affixed to a red, rigid vinyl that provides a visual border. Use on a flat, stable working surface.

Recommended ages: All ages.

All Aboard! Magnetic/Dry-Erase Board: 1-03559-00.....\$26.00

Core Curriculum: Mathematics

Section Index

<i>Abacus Basic Competency: A Counting Method</i>	59	Large Abacus	60
<i>Abacus Made Easy</i>	59	Large Print/Braille Toss-Away Ruler	58
Addition and Subtraction Table Kit.....	53	MathBuilders Kits.....	46
Advanced Desktop Stick-On Number Lines.....	48	Math Drill Cards	57
Analog Clock Model	54	Math Flash Software	45
Beginner's Abacus.....	60	Math Robot	44
Braille/Large Print Yardstick	59	Meterstick (Braille)	59
Brannan Cubarithm Slate and Cubes.....	56	Multiplication & Division Table Kit	53
Clock Face Sheets in Braille.....	54	<i>Nemeth Code Reference Sheet</i>	56
Consumable		Nemeth Tutorial.....	44
Hundreds Chart.....	53	Number Line Device	48
Number Lines.....	48	One-Foot Braille Rulers.....	58
Cranmer Abacus	60	Orion Talking Calculators	
Desktop Stick-On Number Lines	48	TI-30XS MultiView, Scientific	49
NEW! Draw2Measure Protractor (for iOS devices) 45		TI-84 Plus, Graphing	49
Expanded Beginner's Abacus.....	60	Protractors	55
EZeeCOUNT Abacus	47	Quick Pick Series	57-58
Flexible Rulers (Braille/Large Print)	59	StackUps.....	52
FOCUS in Mathematics Kit, 2nd Ed	52	Stick-on Tactile Ruler.....	59
Fractional Parts of Wholes	56	Student Workbook Kit for Geometro	51
Geometric Forms	54	NEW! Tactile Compass for Math and Art.....	51
Geometro Sets and Shapes	50	Tactile Tangrams	47
NEW! Cylinder and Cone	50	Transparent CCTV Rulers.....	58
Geometry Tactile Graphics Kit.....	54	Textured Sorting Circles and Shapes	52
Graphic Aid for Mathematics	55	<i>Using the Cranmer Abacus</i>	59
<i>Hands-On Experience w/Cranmer Abacus</i> Video	60	Venn Diagram Template Kit.....	54
Hundreds Board & Manipulatives.....	56		

Mathematics Related Products

Braille Transcriber's Kit: Math	109	Graph Paper	118
Calendar Kits	94	<i>Introduction to Braille Mathematics</i>	181
Card Chart Kit.....	94	Lots of Dots: Counting 1 2 3.....	36
EZ Track Financial Record Keeper	165	Money Handling & Budgeting	166
Feel 'n Peel Stickers: Basic Math Symbols.....	89	Money Talks Software	166

Mathematics Related Products, cont.

Tactile Demonstration Thermometer.....	61	Talking Calculator	166
Tactile Treasures.....	30	Test Ready: Plus Mathematics.....	13



Math Robot (for iPad)

APH's Math Robot™ was designed for students who are blind and visually impaired, as well as sighted students. A flashcard format and a smart "know-it-all" math robot character provide fun drills and

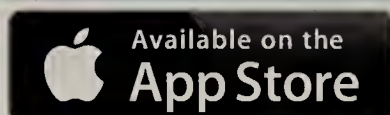
practices for simple math problems. The app is both self-voicing and accessible with Apple's VoiceOver. A low vision mode adds extra contrast.

Use with a Refreshable Braille Display

When using a refreshable braille display, like APH's Refreshabraille 18™ Bluetooth device, the built-in VoiceOver screen reader displays the problem in braille and allows the user to enter his or her answers using the device's braille keyboard. Set VoiceOver to display the problems in Literary U.S. English Braille, Unified English Braille, or Nemeth Braille.

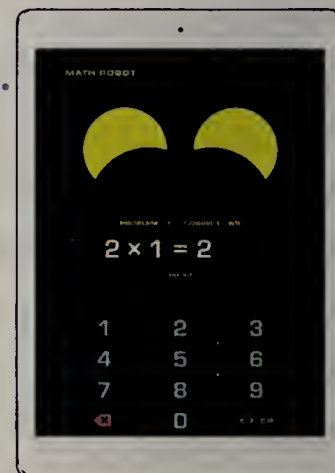
Recommended ages: 6 years and up.

Math Robot, Non-Quota Order, from the App Store.....\$4.99



Available on the App Store® at <https://itunes.apple.com/app/math-robot/id704570512>

Math Robot, Quota Order: D-30000-APL.....\$4.99



*Individuals are
welcome to purchase
Math Robot!*

Note: Find detailed software purchasing instructions in the "How to Order" section, pg. 210.



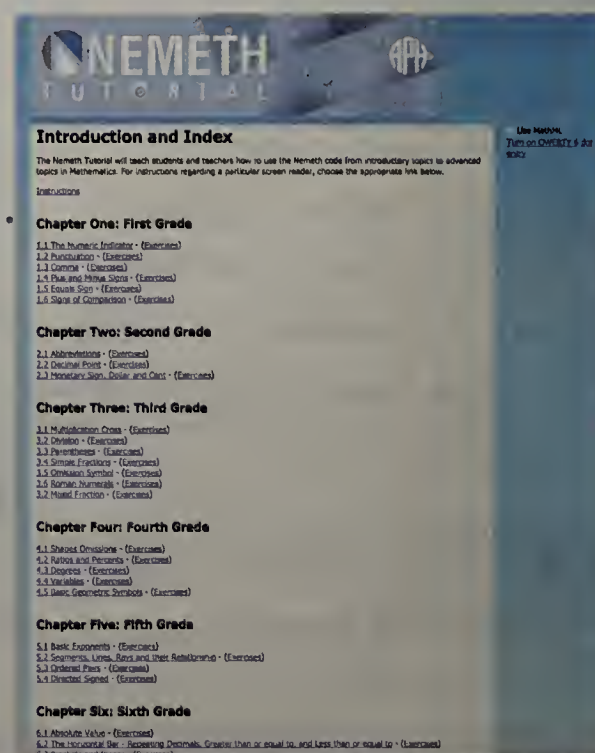
APH's online Nemeth Tutorial consists of over 50 lessons within 11 chapters. It shows teachers and students the rules of the Nemeth Braille code and provides exercises to help teach it. And it's free-of-charge!

Features of Nemeth Tutorial

- Web-based
- Runs on any modern platform
- Works with refreshable braille displays

Recommended ages: 5 years and up.

Nemeth Tutorial is available free-of-charge from APH: tech.aph.org/nemeth



New! Draw2Measure Protractor (for iOS devices)



This app is designed for students who are blind and visually impaired, and can be used by sighted students too! It gives all students an alternative way to measure angles, thus meeting students' diverse needs in math and science classrooms. Works with devices running iOS 8 or later.

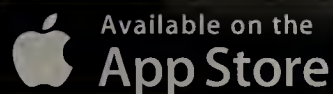
First, students can place an angle over the screen of a device, such as a phone or tablet, and trace along the sides of the angle with a fingertip or stylus. The app records the locations of the sides and then calculates the angle.

For objects that may not fit on a screen, students can find measurements by rotating the device itself, which utilizes the built-in gyroscope sensor to measure the angle.

Features

- Enhanced accessibility: designed for sighted students as well as students with low vision or blindness
- Allows students to measure angles by tracing the sides rather than reading measurements as with a traditional protractor
- Reports angle measurements in both degrees and radians
- Includes detailed instructions and a link to a demonstration video
- Free of charge on the App Store® online store!

Watch a short video: <https://www.youtube.com/watch?v=D77pBfjCmMI> to see the Draw2Measure™ Protractor app in action!

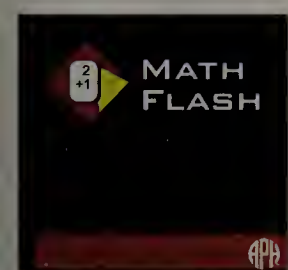


Measure by Rotating



Measure by Drawing

Draw2Measure Protractor: FREE, Available on the App Store:
<https://itunes.apple.com/us/app/draw2measure-protractor/id1097557700?mt=8>



Math Flash Software

This software helps elementary students sharpen math skills with talking electronic flash cards. This self-voicing program uses the computer's sound card to communicate instructions, drills, practice sessions, and games.

Recommended ages: 6 years and up.

Requires a PC running Windows® 7, 8.1, or 10

Math Flash™:

CD-ROM: D-19910-01.....\$24.00

Digital Download: D-19910-ED.....\$24.00

Note: Find detailed software purchasing instructions in the "How to Order" section, pg. 209. Download APH Software Demos: tech.aph.org/

PARTS MathBuilders

MathBuilders is a supplementary math program separated into eight units by content standards and grade level. This allows the teacher to focus on specific standards or provide remedial material for individual students.

Each Unit includes:

- Teacher's guide with lesson plans for grades K-3
- CD-ROM with General Guidelines for Teaching Math to Young Braille Users
- Student worksheets for additional practice
- Dozens of manipulatives

Recommended ages: 5 years and up.



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without adult supervision.

MathBuilders:

Unit 1: Matching, Sorting, and Patterning:

Large Print Kit: 7-03560-00.....\$256.00

Braille Kit: 5-03560-00.....\$286.00

Unit 5: Measurement and Estimation:

Large Print Kit: 7-03562-00.....\$249.00

Braille Kit: 5-03562-00.....\$264.00

Unit 6: Geometry:

Large Print Kit: 7-03563-00.....\$288.50

Braille Kit: 5-03563-00.....\$323.00

Optional Items:

General Guidelines:



Large Print: FREE download

Braille: 5-03560-03.....\$25.00

Replacement Items:

Teacher's Guide:

Unit 1: Large Print: 7-03560-01.....\$85.00

Unit 5: Large Print: 7-03562-01.....\$59.00

Unit 6: Large Print: 7-03563-01.....\$59.00

Unit 7: Large Print: 7-03564-01.....\$59.00

Unit 8: Large Print: 7-03565-01.....\$59.00

Unit 7: Fractions, Mixed Numbers, and Decimals:

Large Print Kit: 7-03564-00.....\$265.00

Braille Kit: 5-03564-00.....\$281.00

Unit 8: Data Collection, Graphing, and Probability/Statistics:

Large Print Kit: 7-03565-00.....\$175.00

Braille Kit: 5-03565-00.....\$184.00



Unit 6 Kit

Note: Each print kit includes Teacher's Guide in print; braille kits include Teacher's Guide in braille.



Unit 8 Kit

Consumables Pack, Braille:

Unit 1: 5-03560-02.....\$41.00

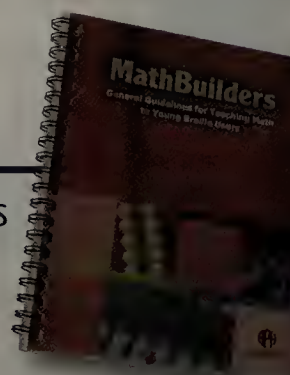
Unit 5: 5-03562-02.....\$15.00

Unit 6: 5-03563-02.....\$24.00

Unit 7: 5-03564-02.....\$24.00

Unit 8: 5-03565-02.....\$17.00

Note: General Guidelines book is included on the CD-ROM with every unit. It is not included in print or braille in the kits, but can be purchased separately in braille (print version is available as a free download. It's a good resource for teachers who need information about teaching math to students with visual impairments.



Tactile Tangrams

The materials and activities presented in APH's Tactile Tangrams make this timeless and popular puzzle accessible to students and adults with visual impairments and blindness.

The use of tangram puzzles encourages the development and reinforcement of many educational and recreational skills including spatial reasoning, shape recognition, size comparison, pattern replication, and independent problem solving. Many geometry concepts are also reinforced.

Recommended ages: 7 years and up.

Tactile Tangrams Kit: 1-08439-00.....\$159.00

Note: The kit contains a large print guidebook, the braille guidebook is available separately.

Optional Item:

Tactile Tangrams: Teacher's Guidebook, Braille
(w/CD-ROM containing accessible files):
6-08439-00.....\$25.00

Replacement Item:

Tactile Tangrams: Teacher's Guidebook, Large Print
(w/CD-ROM containing accessible files): 8-08439-00.....\$22.00



WARNING: Choking Hazard—Small Parts.
Not intended for children ages 5 and under without adult supervision.



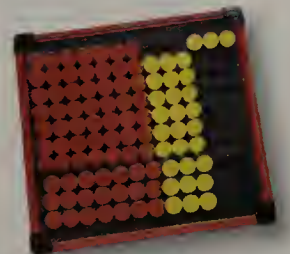
Wavy/rough
red beads

Smooth
yellow
beads

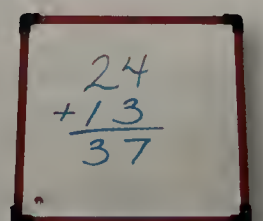
EZeeCOUNT Abacus

This abacus consists of a 10 x 10 grid of flat beads. The beads can be flipped and distinguished by color and/or texture. The red beads are wavy/rough and the yellow beads are smooth. Each row of beads slides along an elastic band from left to right. The reverse side is a dry-erase board.

The included instruction booklet provides examples of how the EZeeCOUNT Abacus can be used in a variety of ways.

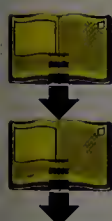


Example of "Count by 3's" activity



Dry-Erase side allows students to write math problems, play games (*e.g., Tic-Tac-Toe), and more. *Markers not included.*

WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without adult supervision.



Optional EZeeCOUNT Abacus Guidebook, Braille:
5-03185-00.....\$15.00

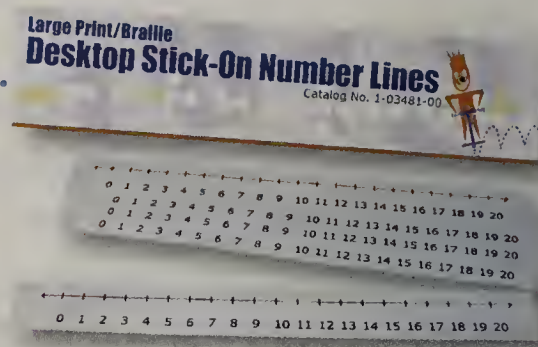
Replacement EZeeCOUNT Abacus Guidebook, Large Print:
61-078-022.....\$10.55

Desktop Stick-On Number Lines

Visually and/or tactually demonstrate basic number concepts in counting, sequencing, number recognition, number relationships, addition, and subtraction. These reusable (up to 5x), self-adhesive number lines are perfect for a desk or tabletop. The adhesive will not permanently stick to surfaces.

Recommended ages: 6 years and up.

Desktop Stick-On Number Lines: Large Print/Braille (5-pk.): 1-03481-00.....\$16.00

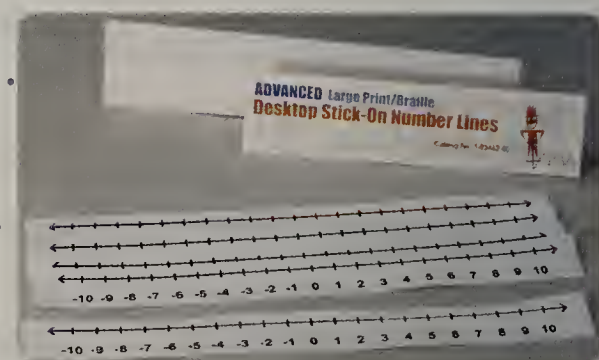


Advanced Desktop Stick-On Number Lines

Visually and/or tactually demonstrate the basic concepts of negative numbers: counting, sequencing, number relationships, addition, and subtraction. Supports Common Core State Standards, Number Sense, Grades 6 & 7.

Recommended ages: 11 years and up.

Advanced Desktop Stick-On Number Lines: Large Print/Braille (5-pk.): 1-03482-00.....\$27.00



Consumable Number Lines

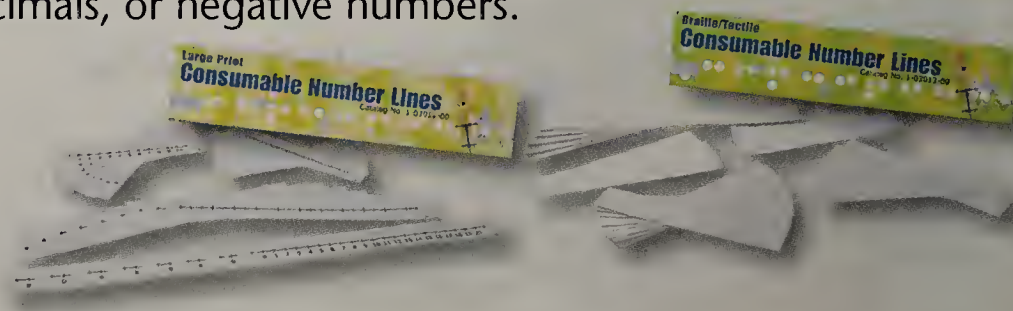
Reinforces beginning number concepts such as counting, sequencing, number recognition, number relationships, addition, and subtraction. Use the blank number lines to provide a concrete representation when introducing fractions, decimals, or negative numbers.

Recommended ages: 6 years and up.

Consumable Number Lines:

Large Print Set: 1-03012-00.....\$14.00

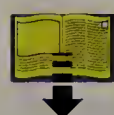
Braille/Tactile Set: 1-03013-00.....\$15.00



Number Line Device

The number line is a basic tool for teaching number concepts, number sequence, counting, addition, subtraction, multiplication, division, rounding, estimating whole numbers, common fractions, and decimals.

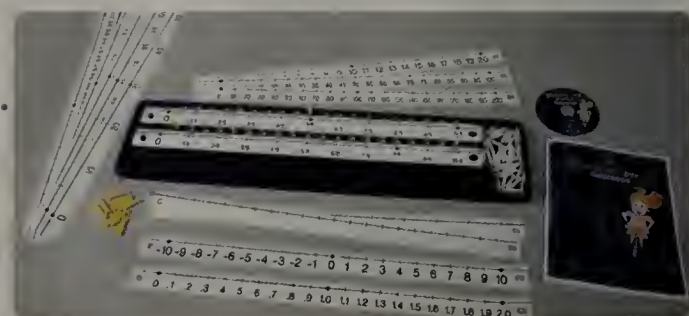
Large print manual and a CD-ROM with manual in accessible file formats is included.



Print and braille versions of the manual are available as a free download at www.aph.org/manuals

Recommended ages: 5 years and up.

Number Line Device: 1-03480-01.....\$165.00



WARNING: Choking Hazard — Small Parts. Not intended for children ages 5 and under without adult supervision.

Orion TI-84 Plus Talking Graphing Calculator

The Orion TI-84 Plus™ Talking Graphing Calculator is a modified TI-84 Plus with a small attachment that adds accessibility and additional controls. APH partnered with Orbit Research® and Texas Instruments® to make this powerful calculator accessible.

Unique Graph Access

The attachment consists of a unit on top of the calculator, above the screen. It includes six function keys and five cursor keys, plus stereo speakers. Use the function keys to control preferences, volume, rate, pause, silence, repeat, and more. Use the cursor keys for screen reader control, such as previous and next line, next word, next character, read all, etc.

Recommended for: Algebra 1&2, Geometry, Statistics/AP Statistics, Pre-Calculus, Calculus/AP Calculus, Trigonometry, Physics, and College Math.

Not Recommended for: students below grade 6.

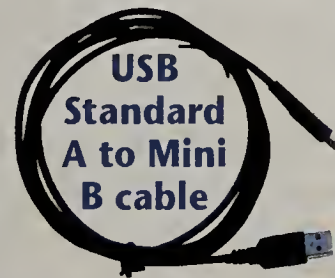


Orion TI-84 Plus Talking Graphing Calculator:
1-07340-00.....\$599.00 + shipping

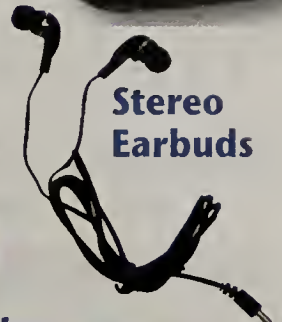
Replacement: Hard Plastic Sliding Cover:
45-004-011.....\$13.65



Hard Plastic Sliding Cover



USB Standard A to Mini B cable



Stereo Earbuds



Adapter



Flash drive with full documentation

4 AAA batteries & Quick Start Guide in print and braille (not pictured)

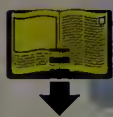
Orion TI-30XS MultiView Talking Scientific Calculator

The Orion TI-30XS MultiView™ Talking Scientific Calculator is a modified TI-30XS MultiView with a small attachment that adds accessibility and additional controls. APH partnered with Orbit Research® and Texas Instruments® to make this powerful calculator accessible.

Unique Access and Screen Review Capability to a Multiline Scientific Calculator

The attachment consists of a unit on the back of the calculator with three function keys on the front of the calculator, above the display. These function keys control preferences, volume, rate, pause, silence, and the unique "Learn" mode. The comprehensive screen review function allows the user to move to previous line, next line, next word, next character, read all, and spell out the last spoken text.

Recommended for: Middle School Math, General Math, Pre-Algebra, Algebra 1&2, Geometry, Statistics, Biology, and Chemistry.



Orion TI-30XS Talking Scientific Calculator:
1-07330-00.....\$399.00 + shipping

SHIPPING CHARGE FOR ORION TI-84 PLUS AND TI-30XS CALCULATORS

All shipments will incur actual UPS shipping rates based on the destination.

Hard Snap Cover



Stereo Earbuds

Hard Plastic Sliding Cover



USB Standard A to Micro-B cable

Flash drive with full documentation

New! Geometro Cylinder and Cone

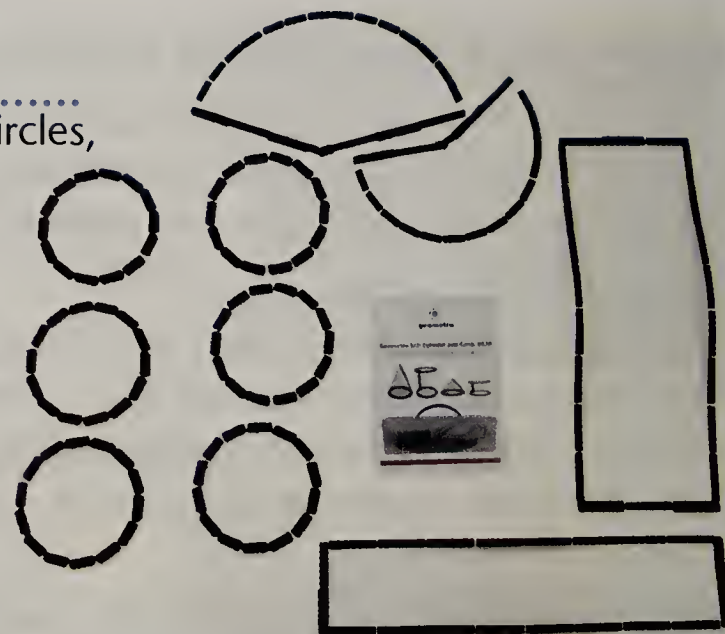
These materials provide students with flat plastic shapes (six circles, two rectangles, and two circle sectors) that can be readily joined to form two cylinders and two cones. Each have the same base, but different heights.

The pieces use hook & loop material to adhere to each other and are easy to handle, sturdy, and safe. Even the youngest learners quickly master them. For more information, please visit www.geometro.net

Kit Includes:

- 6 circles
- 2 circle sectors
- 2 rectangles
- Storage container

Geometro: GS10 Cylinder and Cone: 1-03030-00.....\$131.00



Clear storage
container
with handle



Geometro Sets

Provides hands-on experience with manipulatives that aid in teaching 3-D geometry. Geometro models are flat plastic shapes that can be readily joined to form three-dimensional solids. The pieces use Velcro® material to adhere to each other and are easy to handle, sturdy, and safe.

Geometro:

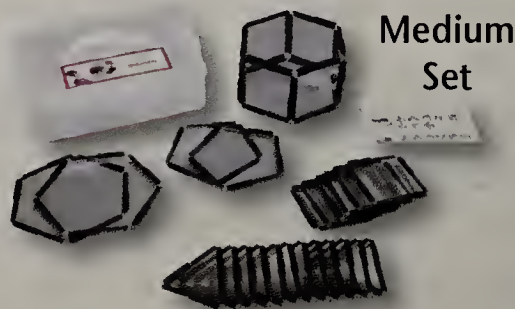
GS16 Mini Set (8 triangles, 6 squares, and 2 pentagons): 1-03022-00.....\$97.00

GS22 Medium Set (12 triangles, 6 squares, 2 pentagons, and 2 hexagons): 1-03023-00.....\$126.00

GS56 Large Set (24 triangles, 12 squares, 12 pentagons, and 8 hexagons): 1-03024-00.....\$319.00



Mini
Set



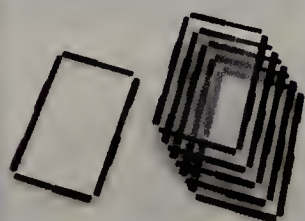
Medium
Set



Large Set

Geometro Shapes

Optional sets can be purchased in addition to the Geometro kits. These shapes can be combined with the main Geometro kits to create additional 3-D solids.

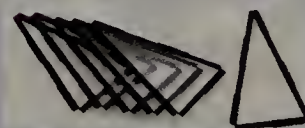


Pack of 6 Rectangles:
1-03028-00.....\$48.00

Pack of 12 Decagons:
1-03025-00.....\$223.00



Pack of 6 Octagons:
1-03026-00.....\$115.00



Pack of 6 Isosceles Triangles:
1-03029-00.....\$39.00



Pack of 3 Hook Material
Rods: 1-03027-00.....\$35.00



Geometro, cont.

Student Workbook Kit for Geometro

This kit is designed for students in the elementary grades, and revolves around three kinds of 3-D and 2-D tasks.

Kit includes:

- Tactile Pages
- Manipulatives (rod models, magnetic tiles)
- Magnetic Board
- Braille Pocket Folder
- Storage Binder
- Graphic Art Tape
- Teacher's Guide and Manual, both in Large Print



The Student Workbook Kit is to be used with APH's Geometro Sets, purchased separately.

Student Workbook Kit for Geometro: 1-03021-00.....\$329.00



WARNING: Choking Hazard — Small Parts. Not intended for children ages 5 and under without adult supervision.

Optional Items

Teacher's Manual, Braille Edition: 5-03021-00.....\$15.00



Teacher's Manual, HTML Edition: FREE download

New!

Tactile Compass for Math & Art


This assistive tool enables students to draw tactile circles up to 6 inches in diameter and includes tactile markings in inches and centimeters, so students can measure circle radii. Two different spur wheels are also included allowing students to draw both single-line and double-line circles.

The compass should be used in combination with braille paper or plastic film and a rubber mat, which are not included with this product.

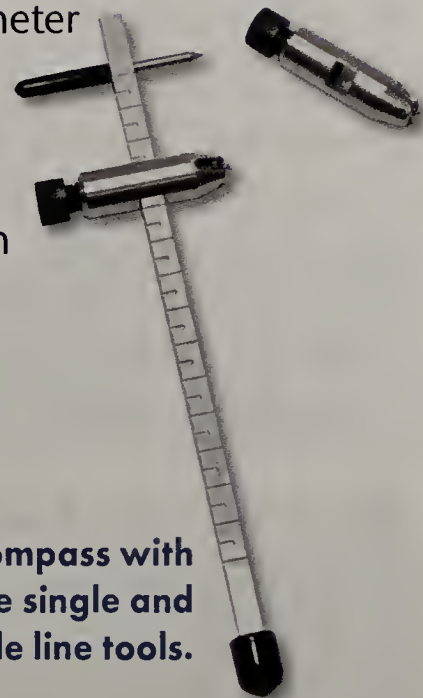
Tactile Compass for Math & Art Includes

- Tactile compass
- Storage pouch
- User's Guide in print and in braille

Recommended ages: 7 years and up.

 **WARNING:** This product contains a sharp point and should be used with caution and only under adult supervision.

Tactile Compass for Math & Art: 1-08894-00.....\$62.00



Tactile Compass with removable single and double line tools.

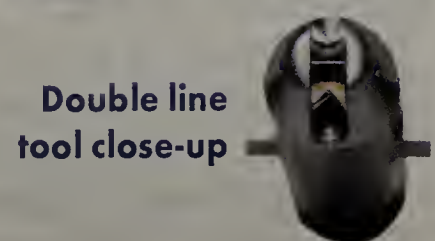


WARNING: Choking Hazard — Small Parts. Not intended for children ages 5 and under without adult supervision.

Example of single and double line circles



Single line tool close-up



Double line tool close-up



Note: Not all pieces pictured;
All-In-One Board not included.

Recommended ages: 5 years and up.

**Textured Sorting Circles and
Shapes: 1-08834-00.....\$130.00**

Textured Sorting Circles and Shapes

These assorted shapes are provided in a variety of textures, sizes, and colors. The accompanying sorting circles are also provided in a variety of colors and textures, and can be used to create Venn diagrams.

All textured pieces have a magnetic backing and are ready for use on a metal surface (e.g., APH's All-In-One Board). Velcoins® are provided and can be applied to the magnetic side to use with a Velcro®-compatible board.



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without adult supervision.

PARTS FOCUS in Mathematics Kit, Second Edition

Intended for students in pre-k through first grade, objectives are aligned to National Council of Teachers of Mathematics Curriculum Focal Points. Materials include hundreds of manipulative items, designed to be easily handled and offer tactile and visual contrast. Teacher materials include a Teacher's Guide, reusable student worksheets, and printable assessment checklists included on the CD.

Recommended ages: 4 years and up.

FOCUS in Mathematics Kit, Second Edition:

Print Kit (includes print Teacher's Guide): 1-08280-01.....\$583.00

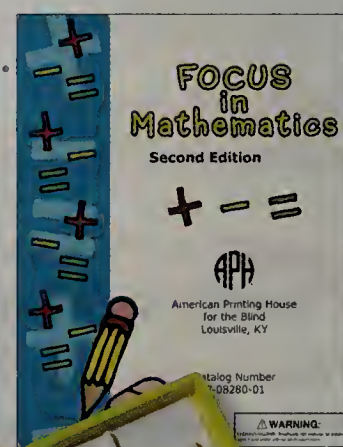
Braille Kit (includes braille Teacher's Guide): 1-08281-01.....\$613.00

Replacement Items:

FOCUS in Mathematics Manual, Second Edition:

Print: 7-08280-01.....\$45.00

Braille: 5-08281-01.....\$65.00



*Example of the
hundreds of included
manipulatives*

PARTS StackUps: Spatial Reasoning Using Cubes and Isometric Drawings

Encourages students using 2-D and 3-D shapes to:

- Recognize, name, build, draw, compare, and sort
- Describe attributes and parts
- Investigate and predict the results of putting together and taking apart

Recommended ages: 10 years and up.

StackUps: 1-08960-00.....\$289.00

Replacement Items:

Cubes (set of 20): 1-08960-01.....\$52.00

Mat Plan Worksheets (25-pk.): 1-08960-02.....\$6.00

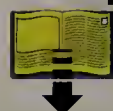
Teacher's Guidebook with CD-ROM:

Large Print: 7-08960-00.....\$69.00

Braille: 5-08960-00.....\$43.00

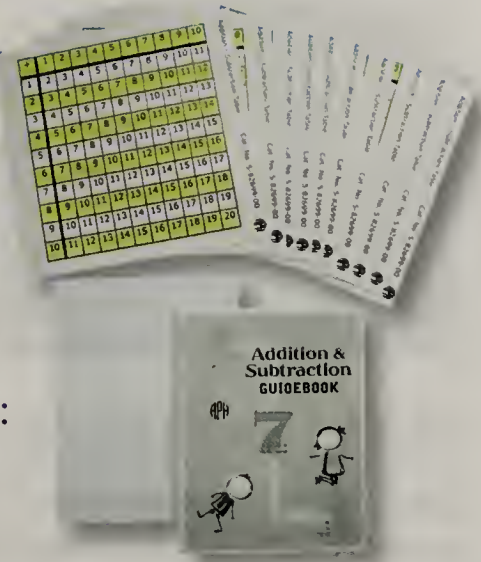



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without adult supervision.



Addition and Subtraction Table Kit

This large print/braille tool is designed to reinforce the basic addition and subtraction facts for young math students. The grid can be used to find the sum of two whole numbers from 1 through 10 or the difference of a related subtraction problem. Includes 10 printed/embossed charts and a print guidebook.



 The Addition and Subtraction Guidebook is available as a free download in accessible formats of .brf and .txt from the APH website: www.aph.org/manuals/

Addition and Subtraction Table Kit: 5-82699-00.....\$21.00

Multiplication/Division Table Kit

This large print/braille tool helps math students with multiplication and division problems. The chart is printed/embossed on white index stock and is 3-hole punched. Alternating rows are highlighted to help low vision students easily track numbers. The Multiplication/Division Table Kit has been expanded so students can find the products of two whole numbers from 1–10 or the quotient of a related division problem. Includes 10 charts (grids) and a print guidebook.



The Multiplication/Division Guidebook is available as a free download in accessible formats of .brf and .txt from the APH website: www.aph.org/manuals/

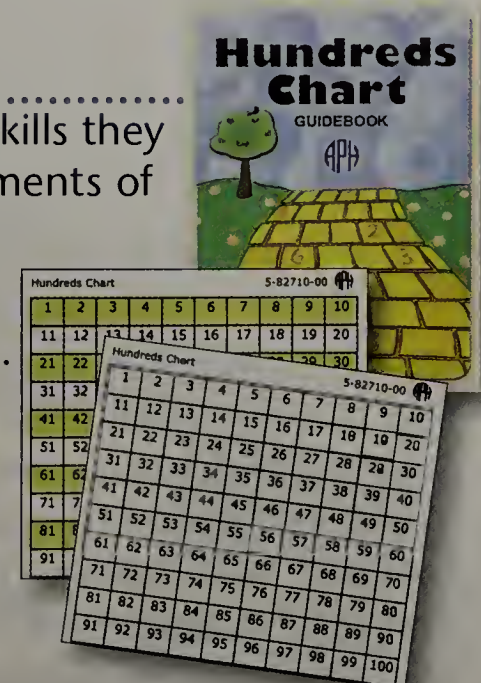
Multiplication/Division Table Kit: 5-82700-01.....\$19.50


 **Replacement Item: Guidebook: 17-125-013.....\$6.90**

Consumable Hundreds Chart

This graphic organizer for the numbers 1–100 helps learners develop the skills they need to become flexible and fluent problem solvers and meet the requirements of many state standards as well as the Common Core State Standards.

The chart is printed/embossed on white index stock paper. Alternating rows are highlighted to help students with low vision easily track numbers. Includes 10 charts (5 with highlighting and 5 without highlighting) and a large print guidebook.



 The Consumable *Hundreds Chart Guidebook* is available as a free download in accessible formats of .brf and .txt from the APH website: www.aph.org/manuals/

Consumable Hundreds Chart: 5-82710-00.....\$15.00



Analog Clock Model

Helps teach about time-telling concepts. Has braille and raised large print markings and hands that are easily rotated. The hands are synchronized like those of an actual clock (the Model has no motor).

Recommended ages: 6 to 10 years.

1-03125-00.....\$10.00

Clock Face Sheets in Braille

Each sheet contains four embossed braille clock faces. Hands can be added to these blank clock faces. Embossed on manila transcribing paper measuring 11 1/2 x 11 inches. 3-hole punched. 25-pk.

Recommended ages: 6 to 10 years.

1-03111-00.....\$16.00



Geometry Tactile Graphics Kit

Set of thermoformed raised-line drawings depicting geometry concepts, figures, and relationships. Graphics are larger and easier for students to measure than those in braille textbooks.

Recommended ages: 12 years and up.

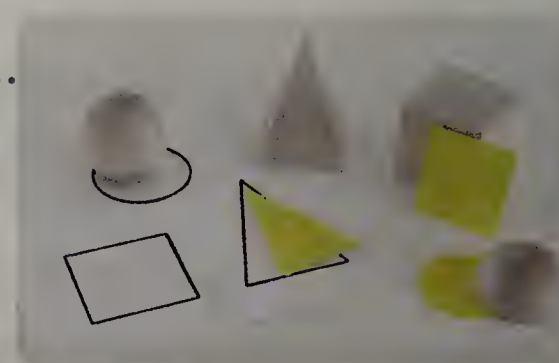
1-08841-00.....\$105.00

Geometric Forms

Introduces students to the circle, square, and triangle. Includes 3 plane figures, 4 solid figures, and 1 white plastic sheet illustrating the three shapes in black, raised lines.

Recommended ages: 5 years and up.

1-03410-00.....\$45.00

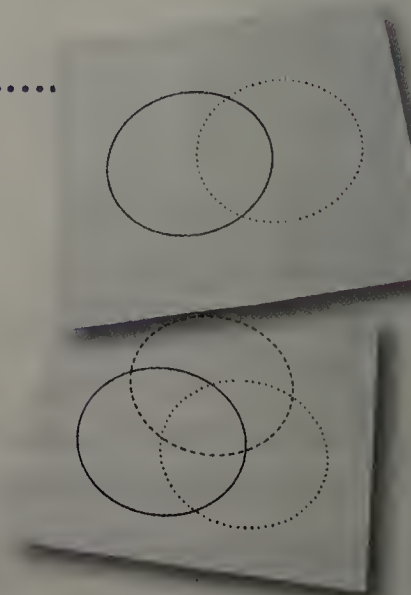


Venn Diagram Template Kit

A Venn diagram or set diagram shows all possible logical relations between a finite collection of sets.

The Venn Diagram Template Kit includes 15 sheets with two-circle diagrams and 15 sheets with three-circle diagrams, sized to allow for braille labeling in all sections and in the outer margins. The outlines of the circles are made in contrasting line styles so they are easily distinguishable, both visually and tactually. These heavy, consumable sheets may be tooled directly or used in a braillewriter. Includes a total of 30 sheets, measuring 11.5 x 11 inches.

Venn Diagram Template Kit: 1-04095-00.....\$17.00



Braille/Large Print Protractor

Bold large print numbers and raised dots mark the 180 degrees of this protractor, with markings every 5 degrees. The lines are bold and the type is 18 point.

This protractor features a pivoting wand. When aligned with a certain degree measurement, the corresponding angle is created by the wand and the bottom edge of the protractor.



Braille/Large Print Protractor: 1-04115-00.....\$19.00

Large Print and Tactile Protractors

Students can use the same convenient measuring tools in both classroom and assessment situations.

Both protractors feature:

- Lightweight, clear plastic
- Movable, transparent yellow wand
- 6-inch ruler at bottom edge
- Open hole where a wand is attached for inserting pencil or push pin at vertex of angle
- Notches on bottom left and right allow for pinning to a surface

Large Print Protractor

- Bold, sans serif, 20-point font
- Upper labels mark every 10 degrees from 0° to 180°
- Lower labels mark every 20 degrees from 180° to 0°

Large Print Protractor (4-pk.): 1-04116-00.....\$35.00



Tactile Protractor

- Braille dot markings on upper edge
- 3 braille dots at 0°, 45°, 90°, 135°, 180°
- 2 braille dots at each 10° to 170° except 90°
- A single braille dot at every 10° increment from 5° to 175°, excluding 45° and 135°

Tactile Protractor (4-pk.): 1-04117-00.....\$37.00

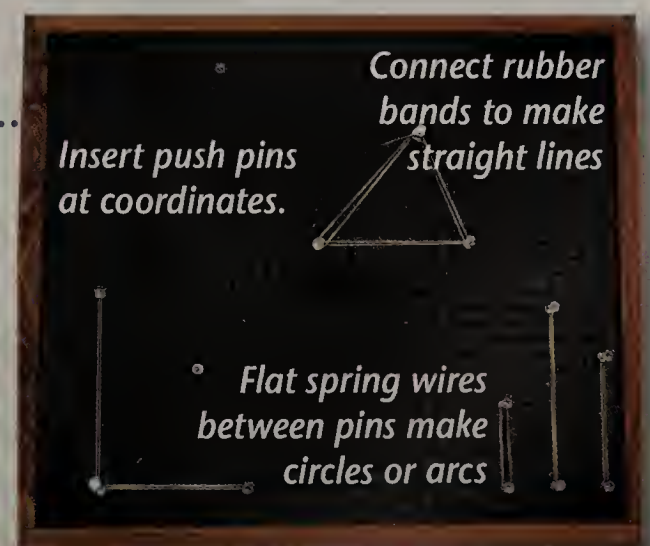
Graphic Aid for Mathematics

Construct geometric and other figures and graphs related to arithmetic, algebra, geometry, trigonometry, and calculus.

Consists of a cork board mounted with a rubber mat embossed with a 34 x 30 grid of 1/2 inch squares. Included are three flat spring wires, 14 push pins, and rubber bands.

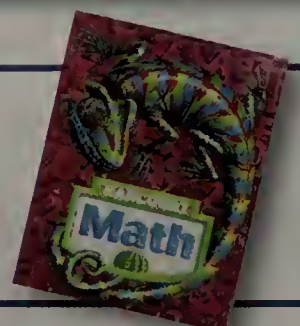
Recommended ages: 8 years and up.

Graphic Aid for Mathematics: 1-00460-01.....\$203.00



Math Textbooks in Braille and Large Print

APH offers hundreds of math textbooks in braille and large print! Visit **shop.aph.org** to search for mathematics titles.

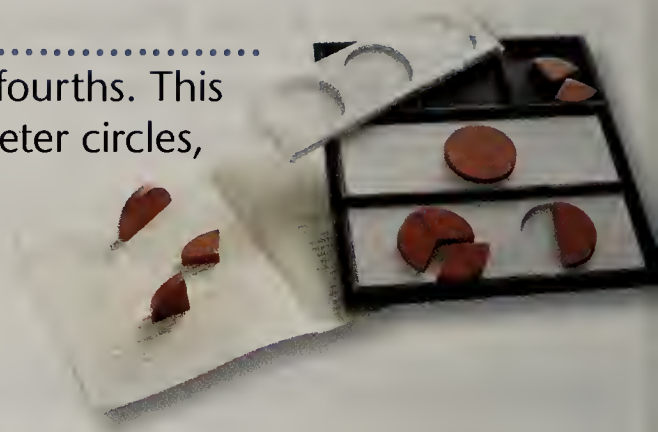


PARTS Fractional Parts of Wholes Set

Tactile circles introduce the concepts of wholes, halves, thirds, and fourths. This set contains one work tray with three form boards and 3-inch diameter circles, one whole and the others cut into halves, thirds, and fourths.

Recommended ages: 5 years and up.

1-03290-00.....\$60.00



Nemeth Code Reference Sheet for Basic Mathematics

Listing of common symbols from the Nemeth Braille Code for Mathematics. Shows symbols in use.

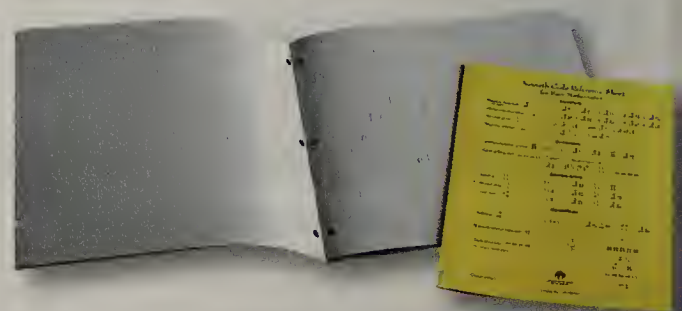
Groupings Include:

- Numbers
- Operations
- Fractions
- Omissions
- Money
- Other Related Symbols
- Comparisons
- Geometry

Nemeth Code Reference Sheet for Basic Mathematics:

Print: 7-87500-00.....\$12.00

Braille: 5-87400-00.....\$12.00



Brannan Cubarithm Slate and Cubes

Young students may find it easier to use this device rather than a braille to align problems such as multiplication.

A rubber frame with a 16 x 16 grid pattern of nests will hold small plastic cubes numbered 0 through 9 in braille (no print). Frame and cubes are sold separately.

Recommended ages: 6 years and up.

Cubarithm Slate 1-00320-00.....\$26.00

Plastic Cubes (Set of 100): 1-00330-00.....\$21.00



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without adult supervision.

PARTS Hundreds Boards and Manipulatives

These two boards and included manipulatives can be used to help teach basic math concepts. Includes two desk-sized (10x10 inch) boards made of heavy-duty plastic.

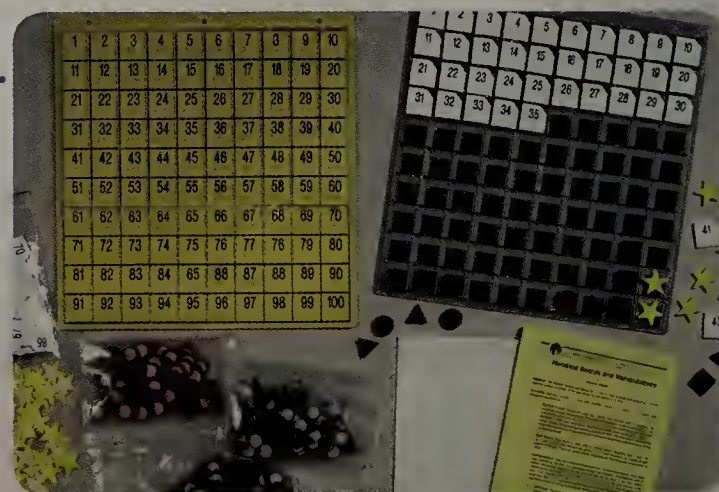
Recommended ages: 5 to 10 years.

Hundreds Boards and Manipulatives:

1-03105-00.....\$170.00

Replacement Item:

Numbers only: 1-03105-01.....\$16.00

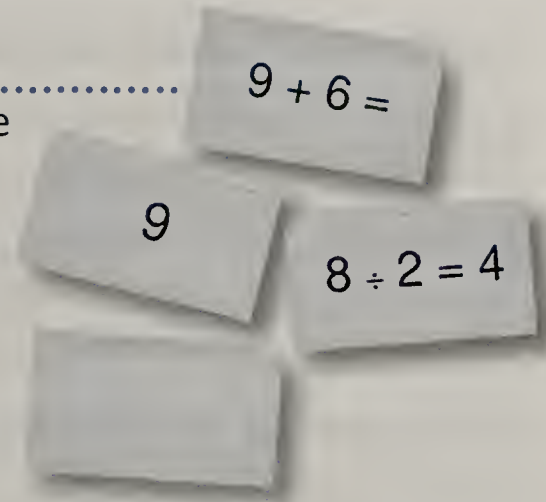


Note: Some assembly required.

Math Drill Cards in Braille and Large Print

These handy math skill reinforcing cards are sold in five separate sets. The cards in the Number & Math Sign set have a math sign or number sign in braille and large print and braille on opposite sides. Large print/braille math operations cards have a math fact and the fact with the answer on opposite sides. Braille is Nemeth Braille Code for Mathematics.

Recommended for age 5 to 10.



Math Drill Cards:

Number & Math Signs:

1-03551-00.....\$12.00

Addition: 1-03552-00.....\$10.00

Subtraction: 1-03553-00.....\$10.00

Multiplication:

1-03554-00.....\$10.00

Division: 1-03555-00.....\$10.00

Note: Some assembly required. These cards can be used with APH's Card Chart Kit, 1-03550-00.

Quick Pick Math

A math game consisting of a plastic packet with 50 large print/braille cards. The front and back of each card contains a math question and four possible answers. To play, the student inserts the included tool in one of four holes in the front of the plastic packet. If the answer is correct, the card will slide out. If the answer is incorrect, the card will not pull out, and the student should try again. Transcribed in Nemeth Braille.



Recommended ages: 5 years and up.

Addition: 1-03570-00.....\$49.00

Subtraction: 1-03571-00.....\$49.00

Multiplication: 1-03572-00.....\$49.00

Division: 1-03573-00.....\$49.00

Blank Cards, set of 50: 1-03577-00.....\$7.00

Quick Pick Counting

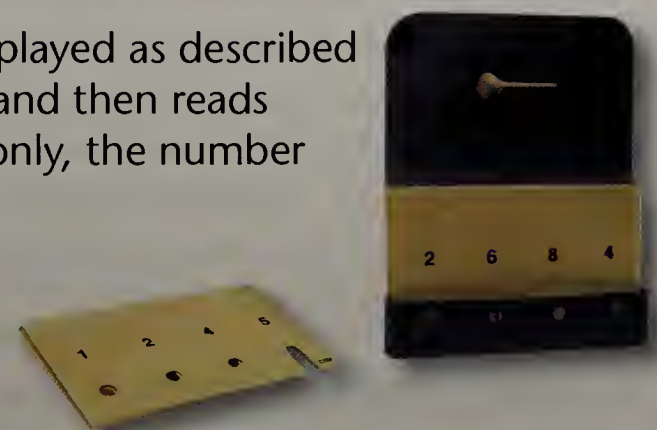
A game designed to help young children learn to count to 12 with raised-line symbols and braille numbers. Can also be used with developmentally delayed students.

Game includes 50 one-sided game cards in a plastic packet and is played as described above in Quick Pick Math. The student counts the tactile symbols and then reads the correct braille number. The raised-line symbols are embossed only, the number answers are large print/braille.

Recommended ages: 4 years and up.

Counting: 1-03574-00.....\$34.00

Blank Cards, set of 50: 1-03577-00.....\$7.00



Quick Pick Cards Set, Blank

Includes 50 game cards that can be used with the Quick Pick Game series.

Quick Pick Cards, Blank

(set of 50): 1-03577-00.....\$7.00



Transparent CCTV Rulers

These flexible, see-through vinyl rulers make it easier to measure items magnified by a CCTV (closed-circuit television).

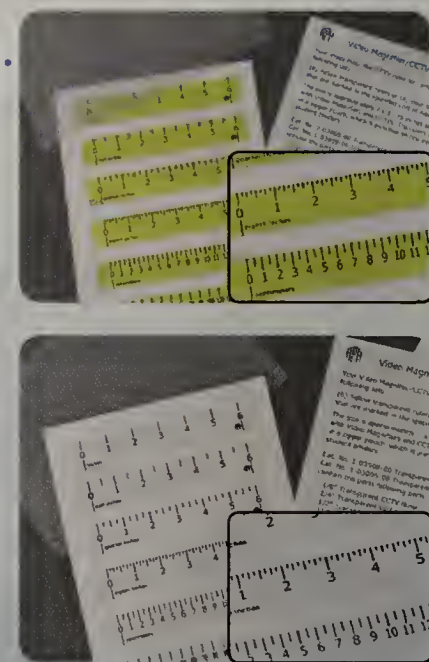
Includes:

- 7 x 1 1/8 inch transparent rulers, (clear or yellow):
 - 1 ea., English: 1/8, 1/4, 1/2, and 1 inch
 - 1 ea., Metric: 1 mm and 1 cm
- Vinyl zipper pouch, 5-hole punched, fits standard 2- and 3-ring binders
- Instructions, print & braille

Transparent CCTV Ruler Kit:

Yellow (set of 6): 1-03008-00.....\$12.00

Clear (set of 6): 1-03009-00.....\$11.00



Large Print/Braille Toss-Away Ruler

This ruler, with markings in both large print and braille, is designed for the classroom or testing and assessment situations where an inexpensive measuring device is needed. 7-inch rulers marked with centimeters and inches are printed/embossed on assorted bright colors of heavy paper with high contrast numbers.

Toss-Away Ruler (24-pk.):

Large Print/Braille: 1-03010-00.....\$16.00

Large Print Only: 1-03011-00.....\$10.00

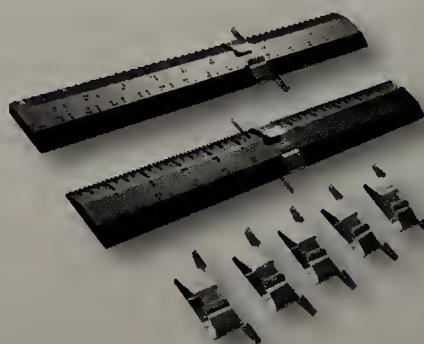
1-Foot Braille Rulers

Plastic rulers taper on the edge. A metal caliper slide to aid in accuracy is included (also available separately). Recommended ages: 5 years and up. Two versions are offered:

Metric-English Measurement Ruler:

Metric edge has raised lines every half-centimeter and braille numbers every two centimeters. Opposite English edge has raised lines every 1/4 inch and braille numbers at each inch.

1-03100-00.....\$12.00



English Measurement Ruler: Has raised lines. Braille numbers at each inch. Fourths on one edge, eighths on the other.

1-03070-00.....\$12.00

Flexible Rulers (Braille/Large Print)

These flexible rulers allow tactual and visual measurement of flat or curved surfaces.

Recommended ages: 5 years and up.

Flexible Ruler (5-pk.):

18-Inch: 1-03050-00.....\$10.00

30-Centimeter: 1-03031-00.....\$9.00



Stick-On Tactile Ruler

Styrene one foot long by half inch wide with double-sided adhesive on back. Can be cut down if needed. Raised lines (no braille or print) indicate divisions to 1/8 inch.

Recommended ages: 8 years and up.

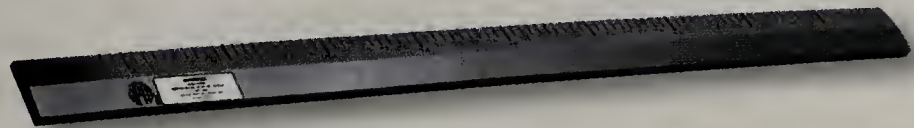
(5-pk.): 1-03081-01.....\$10.00

Meterstick (Braille)

Plastic, drilled for hanging, with raised lines every centimeter, and braille every other centimeter; thick raised lines for decimeters.

Recommended ages: 5 years and up.

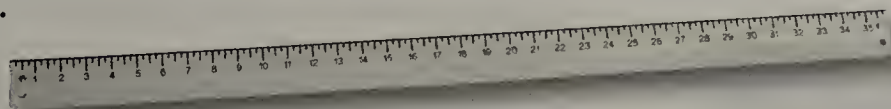
1-03000-00.....\$25.00



Braille/Large Print Yardstick

Made of durable white plastic, drilled for hanging. Has raised-line markings along one edge in 1/4 inch increments, with braille marking every inch. Black large print markings are along the opposite edge in 1/4 inch increments.

1-03002-00.....\$22.00



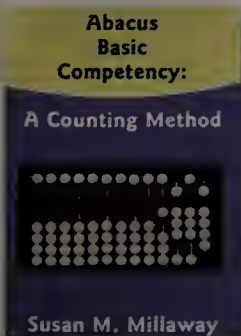
Abacus Basic Competency: A Counting Method

Teaches abacus skills in the four basic math operations. This abacus instructional system uses the Counting Method instead of the traditional indirect method.

Abacus Basic Competency:

Large Print: 7-00219-00.....\$17.50

Braille: 5-00219-00.....\$25.00



Other Abacus Books

The Abacus Made Easy:

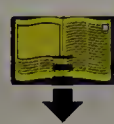
Braille: 5-00220-00.....\$60.00

Large Print: 4-00100-00.....\$19.00

Using the Cranmer Abacus for the Blind:

Braille: 6-50100-00.....\$45.00

Large Print: 4-27110-00.....\$40.00



APH offers four abacuses to address a variety of needs

Each abacus consists of a black frame with white beads that slide against a red felt backing. The red felt background provides a good visual contrast and prevents beads from slipping.



Beginner's Abacus

Reinforces beginning mathematical concepts. Braille guidebook available separately.

Recommended ages: 5 to 7 years.

Beginner's Abacus (includes print guidebook): 1-03180-00.....\$30.00

 **Optional** *Beginner's Abacus Guidebook, Braille:* 5-03180-00.....\$15.00

Replacement *Beginner's Abacus Guidebook, Print:* 7-03180-00.....\$12.00

Expanded Beginner's Abacus Kit

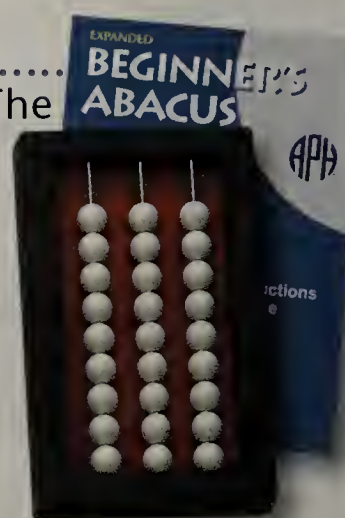
This abacus lends itself to preparing a young student for the Cranmer Abacus. The simple design allows for direct representation of a given value and enhanced readability for "little fingers." Measures 5.37 x 3.25 x 0.75 inches.

Velcro® strips are provided for connecting multiple abacuses together to complete computations that involve numbers too large for the EBA.

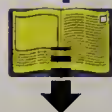
Recommended ages: 5 to 7 years.

Expanded Beginner's Abacus Kit (includes print guidebook): 1-03181-00.....\$32.00

Note: Braille guidebook available separately.



Optional *Expanded Beginner's Abacus guidebook, Braille:* 5-03181-00.....\$25.00



Replacement *Expanded Beginner's Abacus guidebook, Print:* 7-03181-00.....\$8.00

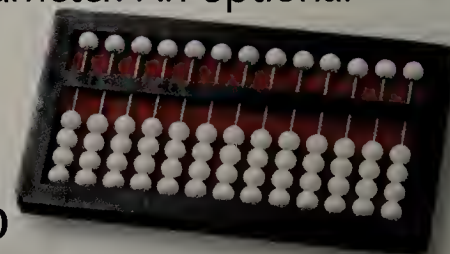
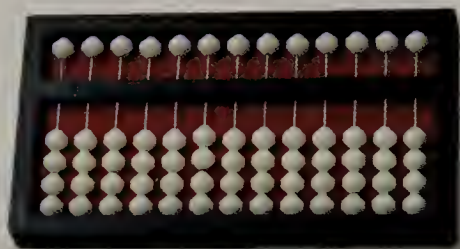
Cranmer Abacus

A 13-rod abacus, beads have a 3/8 inch diameter. An optional metal coupler is available for linking two abacuses together.

Recommended ages: 5 years and up.

Cranmer Abacus: 1-03150-00.....\$32.00

Optional Coupler for Cranmer Abacus: 1-03160-00.....\$5.00



Large Abacus

Young students and those without fine motor skills can benefit from this large 13-rod abacus. Beads are 1/2 in. diameter.

Recommended ages:
5 years and up.

1-03170-00.....\$37.00

Hands-On Experience with the Cranmer Abacus

The concepts and skills covered in this DVD and accompanying booklet include how numbers are represented and how to perform the four basic math functions on the Cranmer Abacus.

1-30004-DVD.....\$25.00



Core Curriculum:

Science and Health

Section Index

<i>Adapting Science for Students w/VI</i>	63	Life Science Tactile Graphics.....	63
Azer's Interactive Periodic Table.....	68	NEW! Light In-Sight: Reflection & Refraction Kit	62
<i>Basic Science Tactile Graphics</i>	63	Periodic Table of the Elements.....	68
<i>Basic Tactile Anatomy Atlas</i>	63	Sense of Science Series.....	64-65
<i>Brain Quest Science</i>	61	Tactile Demonstration Thermometer	61
DNA-RNA Kit.....	67	Tactile Punnett Squares Sheets	66
DNA Twist	67	Touch, Label, & Learn Poster:	
Genetic Code, Large Print Braille	66	Human Skeleton (Anterior View).....	64

Science and Health Related Products

Calendar Kits	94	Orion Calculators	
Card Chart Kit.....	94	TI-30XS MultiView Talking Scientific	49
<i>Nemeth Code for Mathematics and Science</i>	181	TI-84 Plus Talking Graphing	49
Nemeth Tutorial.....	44	Portable Sound Source.....	80
		Wooden Junior Constructo Set.....	175

SCIENCE



Brain Quest

APH has published four large print/braille editions of the popular Workman Publishing quiz game series *Brain Quest®: 1000 Questions and Answers*.

Recommended ages: 9 years and up.

American History:

6-17001-00.....\$145.00

English:

6-17002-00.....\$140.00

Geography:

6-17003-00.....\$140.00

Science:

6-17000-00.....\$140.00

Tactile Demonstration Thermometer

Allows students to independently read, set, and compare temperatures.

- A two-textured, two-colored adjustable "mercury column" with an easy-grip tactile indicator
- Comparable Fahrenheit and Celsius scales presented in both large print and braille

Recommended ages: 6 and up.

1-03020-00.....\$99.00

"Mercury column" slides up and down to demonstrate temperature reading.

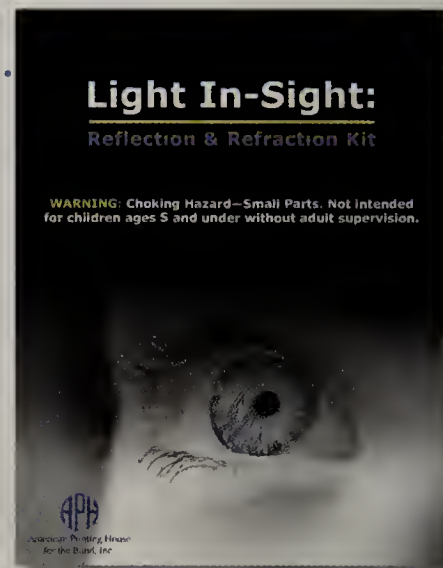


New! Light In-Sight: Reflection & Refraction Kit

This kit enables science and physics students who are visually impaired to construct ray diagrams related to light reflection and refraction.

Using hook & loop materials and stick-on drawing pieces, students can develop an understanding of the following light reflection and refraction concepts:

- Reflection and the law of reflection
- Diffuse reflection and total internal reflection
- Light transmission through a convex lens and image formation by a convex lens
- Light transmission through a concave lens and image formation by a concave lens
- Image formation by plane mirrors
- Refraction and refractive index
- Snell's law of refraction



Unlike other tactile graphics, which are often static, diagrams constructed using this product are malleable, making the teaching and learning process interactive and dynamic.

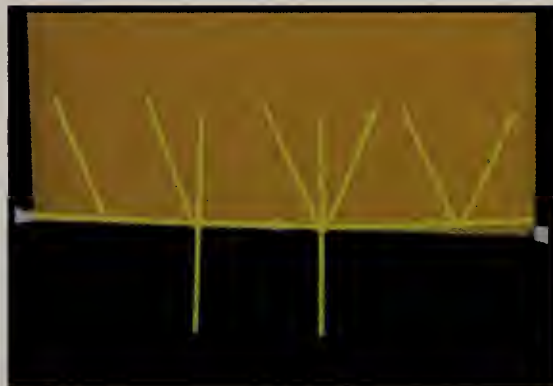
Kit Includes:

- One working board and two storage panels
- Stick-on drawing pieces
- Teacher's instruction booklet in large print and in braille

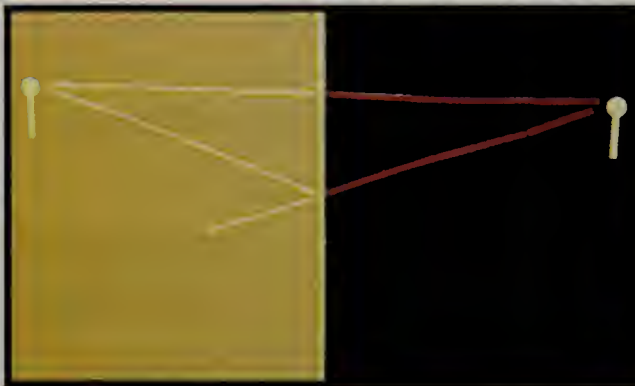
Recommended ages: 12 years and up.

Light In-Sight: Reflection & Refraction Kit: 1-08286-00: \$199.00

Some examples of ray diagrams that can be constructed with this kit:



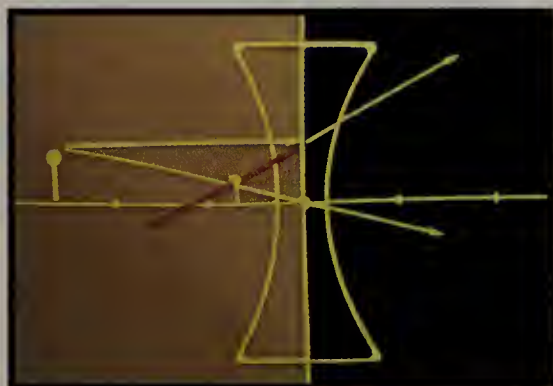
Reflection



**Image formation
by plane mirrors**



Diffuse reflection



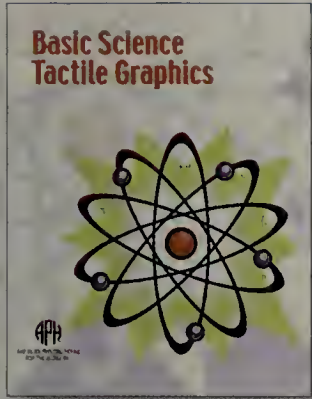
**Image formation
by a concave lens**



**Image formation
by a convex lens**



WARNING: Choking Hazard—
Small Parts. Not intended for
children ages 5 and under
without adult supervision.



Basic Science Tactile Graphics

Basic Science Tactile Graphics are vacuum-formed raised-line drawings depicting objects, concepts, and relationships that are covered in nearly all elementary science textbooks. They are intended to supplement, not replace, the graphics in a student's adapted textbook. Instructional hints and suggestions are given for each tactile drawing. Includes 52 graphics.

Basic Science Tactile Graphics: 1-08850-00.....\$109.00



Optional Item: Guidebook,
Braille: 5-08850-00.....\$19.00



Replacement Item: Guidebook,
Large Print: 7-08850-00.....\$14.00



Life Science Tactile Graphics

Vacuum-formed, full-color raised-line tactile graphics intended to supplement the figures and diagrams in life science textbooks. Life Science Tactile Graphics depict organisms, processes, concepts, and patterns which are typically covered in middle- and high school life science courses. Includes 56 graphics.

Life Science Tactile Graphics:
1-08840-00.....\$251.00

**Examples
of the Life
Science tactile
diagrams.**

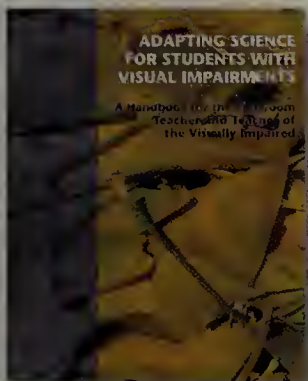


Replacement Item:

Life Science Tactile Graphics Teacher's Guide,



Large Print: 61-151-211.....\$7.85
Braille: Free Download only



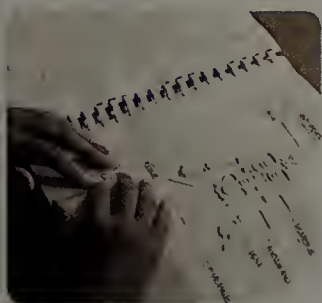
Adapting Science for Students with Visual Impairments: A Handbook for the Classroom Teacher and Teacher of the Visually Impaired

Designed to assist teachers, particularly those with minimal science background and/or VI experience, in making operational science activities accessible to students who are visually impaired and blind. The handbook is sold with 5 each of the *Advanced Preparation* and *Skills Checklists*, which are also available separately.

Adapting Science: 7-00000-00.....\$52.00



Replacement: Advanced Preparation & Skills Checklists, Print (5 ea.): 7-00001-00.....\$17.00



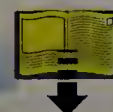
Basic Tactile Anatomy Atlas

This two-volume set of thermoformed tactile graphics gives a comprehensive overview of the body.

Each tactual diagram has braille and print labels accompanied by a brief braille description. A print version of each brailled text is included in the Instructional Text.

Recommended ages: 12 years and up.

Basic Tactile Anatomy Atlas: 1-08845-00.....\$299.00



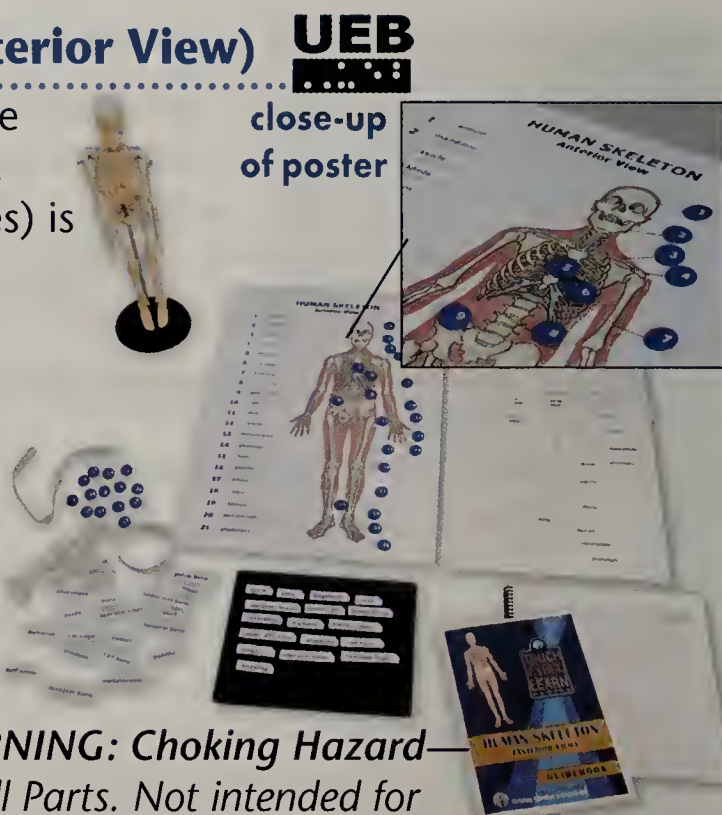
Replacement: Instructional Text,
Regular print: 7-08845-00.....\$30.00

Touch, Label, & Learn Poster: Human Skeleton (Anterior View) **UEB**

This kit provides an interactive presentation for reviewing the names, locations, and relationships of human skeletal bones. The dual tactile/color design of the poster (16.5 x 23.5 inches) is ideal for use by all students.

Using the provided print/braille labels, a student can build a key that correctly corresponds with the numbered parts of the human skeleton. The poster is best used in combination with the included three-dimensional model of the human skeleton. A self-checking "Skeleton Answer Key" with permanent name labels is included.

Recommended ages: 8 years and up.



Touch, Label, & Learn Poster: Human Skeleton (Anterior View): 1-08976-00.....\$169.00



WARNING: Choking Hazard— Small Parts. Not intended for children ages 5 and under without adult supervision.

Replacement Items:

Bag of print/embossed 1–21 number labels, 2 sets: 61-236-024.....\$10.80

Bag of print/embossed skeletal bone name labels, 2 sets: 61-236-027.....\$27.25

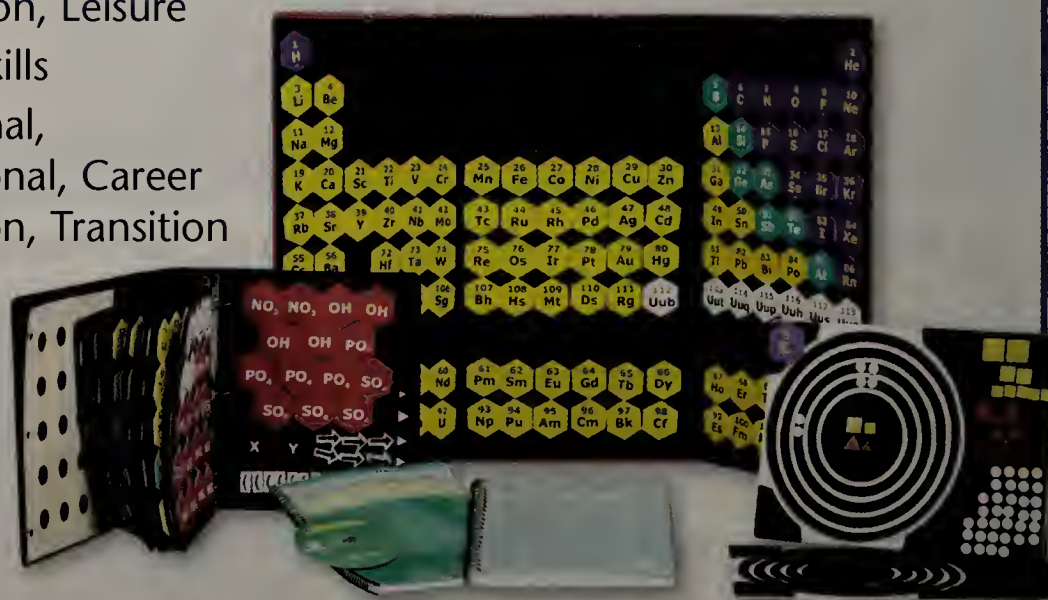
Picture Maker Storage Panel: 1-08838-03.....\$19.00

APH is interested in YOUR new product ideas!

The American Printing House for the Blind gives serious consideration to ideas for products that improve the lives of persons who are blind and visually impaired. We are especially interested in product ideas that support the Expanded Core Curriculum.

Potential products could address such areas as:

- Academics
- Activities of Daily Living (ADL/ILS)
- Assessment
- Assistive Technology
- Early Childhood
- Literacy, Communication Modes, Tactile Graphics
- Low Vision, Visual Efficiency
- O&M
- Recreation, Leisure
- Social Skills
- Vocational, Educational, Career Education, Transition



Submit Your Idea

Please complete an APH product submission form: www.aph.org/products/product-ideas/
Questions? Contact: Monica Turner, mmturner@aph.org

Sense of Science Series

Tactile overlays include braille.

Sense of Science is a hands-on, multi-sensory series designed to make the world of science accessible, understandable, and enjoyable.

The main component in each Sense of Science kit is a set of colorful, raised-line overlays designed to be used with a light box, or as stand-alone items. An accompanying large print guidebook (*braille edition available separately*) suggests activities using the overlays and supplemental teacher-provided materials to enhance and extend the learning experience. Each kit comes with two work trays and a variety of visual tactile overlays.



Mini-Lite Box
sold separately



Sense of Science: Plants

A unique science series for visually impaired students, and for other students who may benefit from a multi-sensory approach to learning.

Recommended ages: 5 to 10 years.

SOS: Plants: 1-08980-00.....\$222.00



Optional Item: Guidebook,
Braille: 5-08980-00.....\$35.00



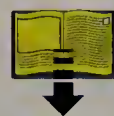
Replacement Item: Guidebook,
Large Print: 7-08980-00.....\$32.00

Sense of Science: Animals

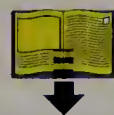
Activities incorporate a step-by-step procedure, an extended activity, a visual adaptation, math and language connections, and a "science tidbit."

Recommended ages: 5 to 10 years.

SOS: Animals: 1-08990-00.....\$429.00



Optional Item: Guidebook
Braille: 5-08990-00.....\$56.00



Replacement Item: Guidebook,
Large Print: 7-08990-00.....\$46.00

Mini-Lite Box
sold separately



Sense of Science: Astronomy

This set of materials is appropriate for a broader range of ages and grade levels of students with visual impairments and blindness. Activities are complemented by the included visual/tactile overlays and fold-out 2-D displays.

Recommended ages: 8 years and up.

SOS: Astronomy: 1-08991-00.....\$310.00

Optional Item: Guidebook, Braille: 5-08991-00.....\$63.00

Replacement Items:



Guidebook, LP: 7-08991-00.....\$58.00

Quick Fact Cards: 1-08993-00.....\$70.00

Worksheets: 1-08992-00.....\$37.00

Tactile Punnett Squares Sheets

A Punnett square is a diagram that is used to predict the outcome of a particular genetic cross or breeding experiment. It is used by biologists to determine the probability of offspring genotypes. The Punnett Square is a visual representation of Mendelian inheritance.

Recommended ages: middle through high school.

4-Box Tactile Punnett Squares

Allows your students to predict offspring genotypes and probabilities for one character from the known genetic makeup of two parents; for example, a monohybrid cross or a test cross. Each of the four boxes of the Punnett Square easily accommodates four braille cells across. Two 4-Box Punnett Squares are printed and embossed on 90 lb. 8.5 x 11 inch paper. 25 sheets per re-sealable envelope.

1-08890-00.....\$16.00

16-Box Tactile Punnett Squares

Allows your students to predict offspring genotypes and probabilities for two characters from the known genetic makeup of two parents; for example, a dihybrid cross. Each of the 16 boxes of the Punnett Square accommodates eight braille cells across. One 16-Box Punnett Square is printed and embossed on 90 lb. 11.5 x 11 inch paper. 25 sheets per re-sealable envelope.

1-08891-00.....\$16.00

Genetic Code Large Print Braille

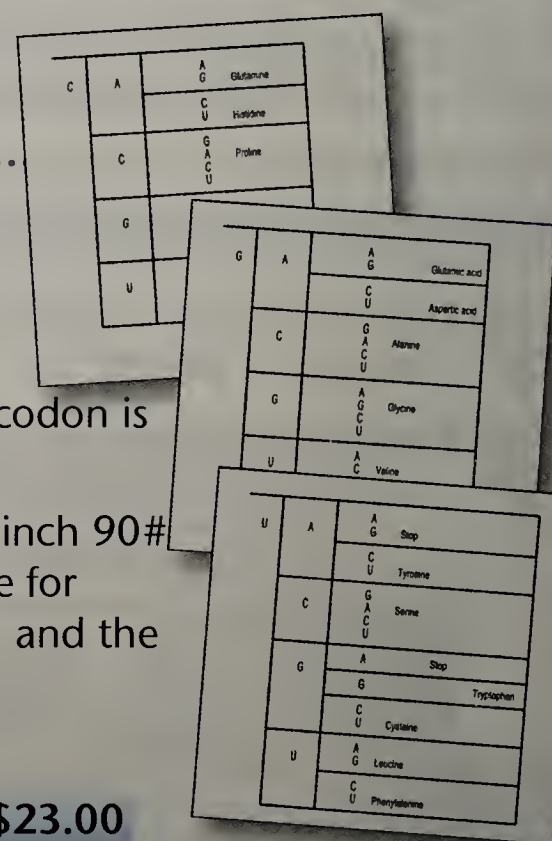
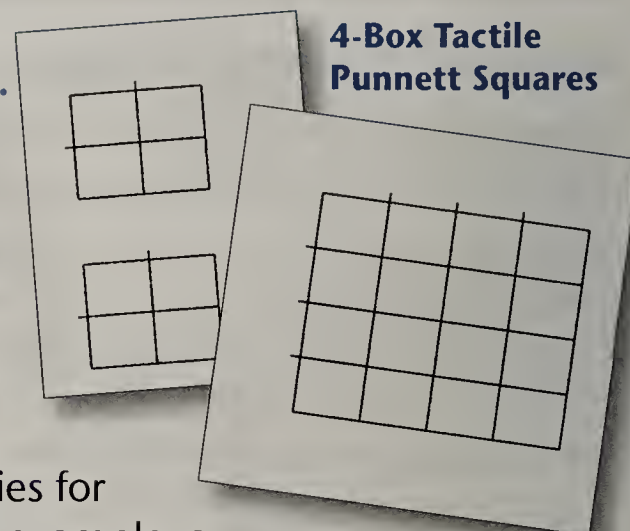
The genetic code is the set of rules by which information encoded within genetic material (DNA or mRNA sequences) is translated into proteins (amino acid sequences) by living cells.

The genetic code consists of 64 three-letter "words" or "codons" that use a four-letter nucleotide alphabet: A, U, C, and G. Each three-letter codon is translated to one of 20 amino acids or a stop signal.

These large print/braille sheets are embossed and printed on 11.5 x 11 inch 90# paper and contain four pages per set. Each set contains a separate page for nucleotide codons or triplets beginning with the letters A, U, C, and G, and the amino acids for which they code.

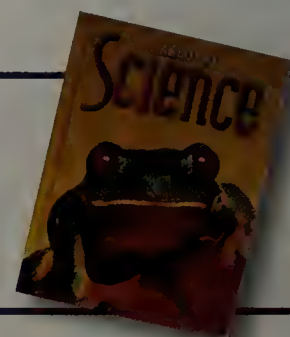
Recommended age: High school.

Genetic Code Large Print Braille (10 sets per/pk): 1-08977-00.....\$23.00



Science Textbooks in Braille and Large Print

APH offers hundreds of science textbooks in braille and large print! Visit shop.aph.org to search for science titles.



DNA TWIST



DNA Twist

DNA Twist is a model that demonstrates the structure of the DNA molecule in a way that is accessible to students who are blind and visually impaired.

The DNA Twist model is made of two foam sidebars representing the sugar-phosphate "backbone" and ten rungs representing the paired bases. The paired-base rungs are made of contrasting colors and textures to convey the concept of the base-pairing rules that govern the structure of double-stranded DNA molecules.

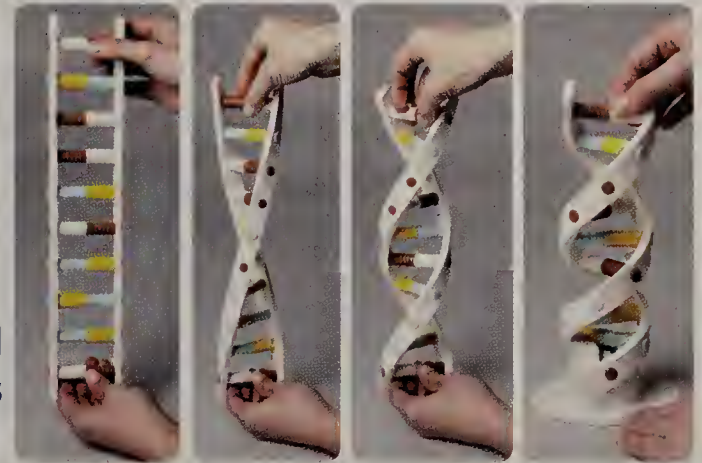
The model is shipped flat and easily twists to form the familiar double-helix configuration of a DNA molecule. The included stand holds the model in its twisted formation, and a short instruction booklet provides information about DNA and educational resources.

Includes:

- DNA Twist model
- Stand with a non-slip adhesive bottom (*customer applies*)
- Instruction booklet, large print

DNA Twist: 1-08978-00.....\$57.00

**Once twisted,
this model
retains its
shape!**



DNA-RNA Kit

This kit provides students with a sturdy and dependable model, improving on other available molecular biology models.

The **DNA-RNA Kit** is an accessible, interactive model that demonstrates introductory molecular biology concepts. The model consists of interlocking jigsaw puzzle-like pieces that represent nucleotides, which are the subunits of DNA and RNA.

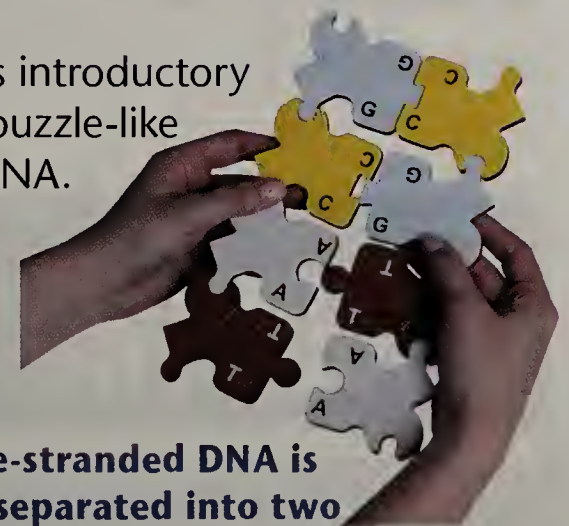
These subunits are accessible to all students and have color, large print, braille, and tactile indicators for the phosphate, sugar, and base (A, C, G, T, and U) components of all nucleotides.

DNA-RNA Kit includes:

- 32 interlocking DNA subunits
- 32 interlocking RNA subunits
- Large print guidebook
- Storage/carry-box
- Accessible HTML and BRF versions of the guidebook available for download through www.aph.org

DNA-RNA Kit: 1-08979-00.....\$107.00

**Double-stranded DNA is
easily separated into two
intact single strands of DNA.**



**DNA subunits have
black foam backing**



**RNA subunits have white
foam backing**



Optional Item: Guidebook: 61-358-018



Periodic Table of the Elements Reference Chart and Booklet

This reference table is a durable and colorful print/braille chart. It comes with a reference booklet in print or in braille (you choose the format) that contains additional tables listing the elements. Measures 22 1/2 x 13 inches.

Periodic Table of the Elements Reference Chart:

w/Reference Booklet in Print: 7-08855-00.....\$44.00

w/Reference Booklet in Braille: 5-08855-00.....\$45.00

Replacement: Periodic Table of the Elements Reference Chart: 61-167-025.....\$18.55

PARTS Azer's Interactive Periodic Table Study Set

This interactive study set is designed to make learning about the periodic table of the elements accessible to students with visual impairments and blindness.

Assists with the instruction and demonstration of concepts related to the arrangement of the periodic table, atomic structure, ionic and covalent bonding, and balancing of chemical equations.

Note: Some assembly required.

Recommended ages: 10 years and up.



WARNING: Choking Hazard—
Small Parts. Not intended for children ages 5 and under without adult supervision.

Azer's Interactive Periodic Table Study Set: 1-08856-00.....\$409.00

Optional Item: Braille Guidebook with CD-ROM: 5-08856-00.....\$25.00

Replacement Item: Large Print Guidebook with CD-ROM: 7-08856-00.....\$19.00

"Your Two Cents" About APH Products!

We'd like to know what YOU think as a user of APH products!
What did you like about a product? What could be improved?

Submit product feedback using our handy online feedback form.

www.aph.org/products/feedback/ Your feedback will be passed on to the product developer or other appropriate APH staff members.
We'll use YOUR opinions when we evaluate products.

Give us your two cents today!



Core Curriculum:

Social Studies: History, Geography, and Economics

Section Index

<i>Address: Earth Large Format Color Atlas</i>	72	<i>Recognizing Landforms: Map Study</i>	73
<i>Brain Quest:</i>		<i>Relief Map for Desk Use</i>	70
<i>American History</i>	69	<i>State Maps Collection</i>	73
<i>Geography</i>	69	<i>U.S. Puzzle Map</i>	71
<i>Globe: Tactile & Visual, The</i>	70	<i>U.S. & Canada Tactile/Print Atlas</i>	71
<i>Interactive U.S. Map with Talking Tactile Pen</i>	74	<i>World at Your Fingers</i>	70
<i>National Geographic Picture Atlas</i>	70	<i>World Maps</i>	69

Social Studies Related Products

<i>Braille Transcribers Kits</i>	109	<i>Nearby Explorer</i>	140
<i>Calendar Kits</i>	94		

GEOGRAPHY



**1000
QUESTIONS
& ANSWERS**

• Countries & Continents
• Waterways • Resources, Climate & Populations
DECK ONE
LARGE TYPE / BRAILLE EDITION
Catalog Number 6-17003-00

Brain Quest

APH has published four large print/braille editions of the popular Workman Publishing quiz game series *Brain Quest®: 1000 Questions and Answers*.

Recommended ages: 9 years and up.

American History:

6-17001-00.....\$145.00

English:

6-17002-00.....\$140.00

Geography:

6-17003-00.....\$140.00

Science:

6-17000-00.....\$140.00

World Maps

Thermoformed on durable 11.5 x 11 inch vinyl, these tactile maps are a comprehensive aid to geographic instruction and orientation. With tactile maps of all the continents, regions, and countries of the world these maps differ from other tactile maps in that they use clear variations in height and texture.

Labeled in braille, the facing pages have key information in braille and large print.

5-06001-00.....\$130.00





The Globe: Tactile and Visual

This table model is a standard 12-inch political globe covered with a tactile clear plastic overlay. Among the overlay's features are continent outlines, higher and lower elevations, and raised latitude and longitude lines. Metal stand with a wood base.

Recommended ages: 10 years and up.

Note: Tactile overlay does not contain braille labels.

1-01551-00.....\$91.00

National Geographic Picture Atlas of Our Fifty States, Braille Edition

Comprehensive braille/tactile atlas has detailed maps and information for each state. Three maps of each state:

- Political map of major cities
- Physical map showing mountains, rivers, etc.
- Road map of interstate and highway routes

Recommended ages: 6 years and up.

National Geographic® Picture Atlas of Our Fifty States: 5-87431-00.....\$309.00



World at Your Fingers

World At Your Fingers features a large tactile reference map showing the major oceans and land masses using high-contrast raised surfaces, braille and print labels, and textured lines and areas. It also shows major mountain ranges, rivers, and lines of longitude and latitude.



A large print guidebook and four additional maps are included: Embossed world map, Raised-line world map, Antarctica map, and Sinusoidal map ("orange peel").

Recommended ages: 8 years and up.

1-01190-00.....\$99.00

Relief Map for Desk Use

Relief map of the continental U.S. with elevations that are exaggerated 20 times. Ocean floors are incised with latitude and longitude lines. This plastic map uses high-contrast paint to depict water areas as blue and land surfaces as yellow and brown.

Measures 21 1/4 x 15 1/4 inches.

1-01650-00.....\$45.00



PARTS U.S. Puzzle Map

This take-apart political/topographical map of the United States measures 32 1/2 x 18 inches and has many features to help make learning fun for all students:


- Puzzle pieces in bright, contrasting colors.
- Tactile mountains, rivers, and state capitals.
- Masking overlays for assessment purposes.
- Large print and braille reference guides
- Lightweight frame with incised state boundaries & state abbreviations in braille, plus latitude/longitude lines.


Recommended ages: 7 years and up.

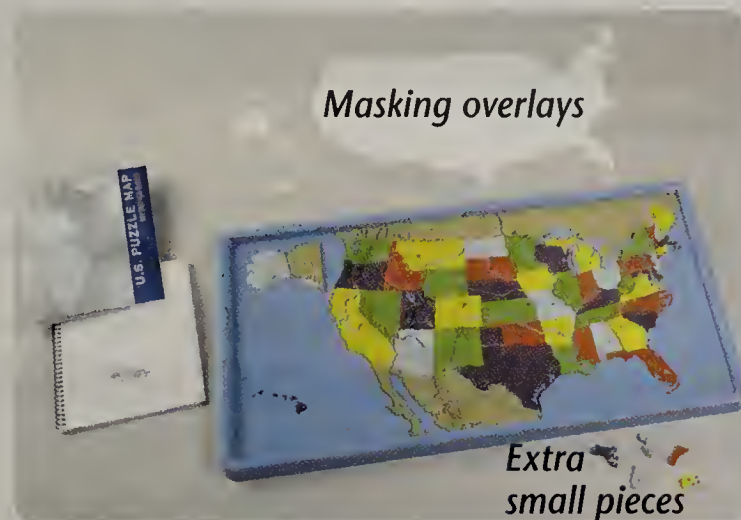
U.S. Puzzle Map (with large print and braille guide):
1-01140-00.....\$395.00

Replacement Item:

Reference Guides:

 **Large Print:** 7-01140-00.....\$19.00
Braille: 5-01140-00.....\$22.00

 **WARNING: Choking Hazard—Small Parts.** Not intended for children ages 5 and under without adult supervision.



U.S. & Canada Tactile/Print Atlas

The *U.S. & Canada Tactile/Print Atlas* is a reference volume of thematic maps for use in geography, history, or social studies classes, or for general informational use outside the classroom.

Each page spread has a combined braille and print key paired with a print map in contrasting colors and a clear tactile overlay. The maps are held in a three-ring binder, so pages can easily be removed as needed. Pages are 11.5 x 11 inches, with some larger maps presented as foldouts.



Included Maps:

- North America
- Canada & the U.S.
 - Major Cities
 - Land Regions
 - Elevation
 - Climate
- Canada
 - Western Provinces
 - Eastern Provinces
- The United States (foldout)
- Northeastern United States
- U.S.
 - Rivers (foldout)
 - Economy (foldout)
 - Northwest (two pages)
 - Southwest (two pages)
 - Midwest and Great Plains (two pages)
 - South (two pages)
 - Middle Atlantic
 - Middle Atlantic Coast
 - Northeast
 - New England Coast
 - Alaska
 - Hawaii

Sample foldout map from tactile/print atlas



Recommended ages: 11 years and up.

U.S. & Canada Tactile/Print Atlas: 1-01920-00.....\$127.00



Address: Earth, Large Format Color Atlas, Section One

This atlas meets 70 specific readability guidelines for users with low vision. APH has partnered with cartography and geography experts from the University of Louisville to research and develop these guidelines. Section One covers: Earth Features, North America, South and Far East Asia, plus the Indian Subcontinent.

Features:

- Text in large print
- Maps and charts in bright, contrasting colors
- Transparent overlays
- Broad lines & large legends
- Durable symbol guide
- High-contrast photos
- Interesting sidebars

Address: Earth, Section One: 1-01910-00.....\$344.00

Optional Item:

Textbook Set (5 chapter texts), Brl: 5-01910-01.....\$209.00

Replacement Items:

Maps and Charts: 7-01910-00.....\$144.00

Textbook Set (5 chapter texts), LP: 7-01910-01.....\$205.00

Note: The *Maps & Charts* book and chapter texts are also available separately. Extra chapter texts are handy for teachers with more than one student sharing a map book.

Note: The Textbook Set is for teachers who want to use one map book with more than one student, or who want supplemental materials to accompany adopted textbooks.

Address: Earth, Large Format Color Atlas, Section Two

Developed for users with low vision and/or color perception problems.

Section Two Includes:

- Book of large format maps & charts with a 3-ring binder
- Symbol guide
- Carrying case
- Large format chapter texts covering:
 - Australia
 - New Zealand
 - Oceania
 - Russia and its neighbors
 - Europe
 - Continental Europe
 - Middle East

Note: Extra chapter texts are handy for teachers with more than one student sharing a map book.

Address: Earth, Section Two: 1-01911-00.....\$455.00

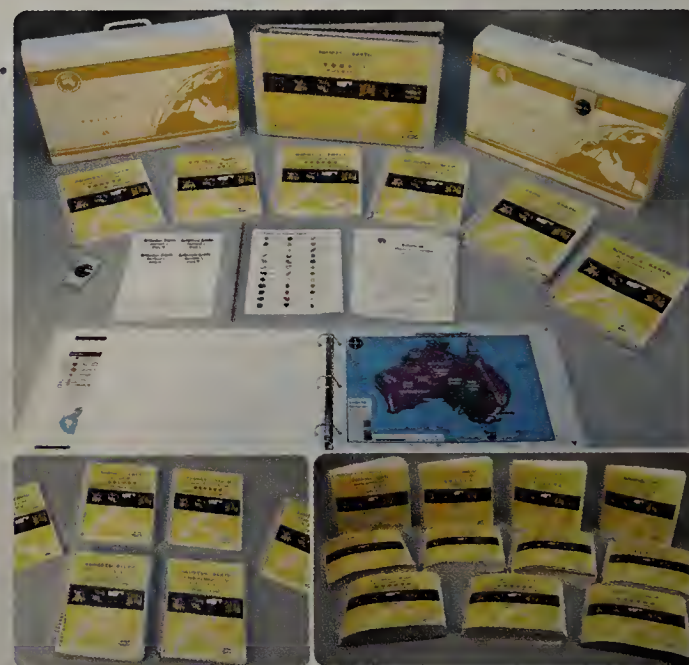
Optional Item

Textbook Set (5 chapter texts), Braille: 5-01911-01.....\$358.00

Replacement Items

Maps & Charts: 7-01911-00.....\$184.00

Textbook Set (5 chapters), LP: 7-01911-01.....\$229.00



Note: The map books and chapter texts are also available separately.

State Maps Collection

Each State Maps Collection is a set of embossed and printed outline maps for a region of the United States. Add to the images with tracing wheel lines, craft ink, glued-on textures, etc. Add braille labels as needed.

Three printed/embossed copies of each state are provided, as well as a regional map showing all the states in that collection. Also included is a set of print-only maps that can be copied or used as masters for "swell paper" tactile graphics.



State Maps Collections:

- Northeast Region: Connecticut, Delaware, District of Columbia, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, Virginia, West Virginia
- Southeast Region: Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, Puerto Rico and the U.S. Virgin Islands, South Carolina, Tennessee
- Central Region: Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, Oklahoma, South Dakota, Texas, Wisconsin
- Western Region: Alaska, Arizona, California, Colorado, Hawaii/Guam, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, Wyoming

Northeast Region: 1-04110-00.....\$45.00

Central Region: 1-04112-00.....\$45.00

Southeast Region: 1-04111-00.....\$45.00

Western Region: 1-04113-00.....\$44.00

Recognizing Landforms: An Audio-Tutorial Program in Map Study



Program uses fun characters on cassette tape to introduce 40 geographical concepts, such as distinguishing mountains from valleys, channels from bays, etc.

Includes 10 brightly colored tactile landforms; CD; and teacher's and program manuals in print.

Recommended ages: 6 years and up.

1-01110-00.....\$164.00

Social Studies Textbooks in Braille and Large Print

APH offers hundreds of social studies textbooks in braille and large print! Visit shop.aph.org to search for social studies titles.

Interactive U.S. Map with Talking Tactile Pen **UEB**

This map's combination of tactile, visual, and audio feedback allows for independent, self-guided study by visually impaired and blind students and adults, as well as by sighted peers.

Menu items along the lower portion of the map allow the reader to request additional help, increase/decrease speech volume, increase/decrease speech rate, repeat last spoken word or phrase, lock the pen on a chosen layer for all states, or interrupt speech.

The **Talking Tactile Pen** is a non-writing stylus. The audio content can be heard through the pen's tiny speaker, however, standard headphones or external speakers (not provided) can provide better sound quality for the synthetic speech and sound effects.

The pen serves as a personal "tour guide" that gives the reader information about each location visited on the map via multiple layers of audio recordings. The reader is allowed to "drill down" layer by layer via consecutive pen taps to learn about each state.



Touch the pen to any state for 17 spoken state facts!

A Few of the Pen Layers:

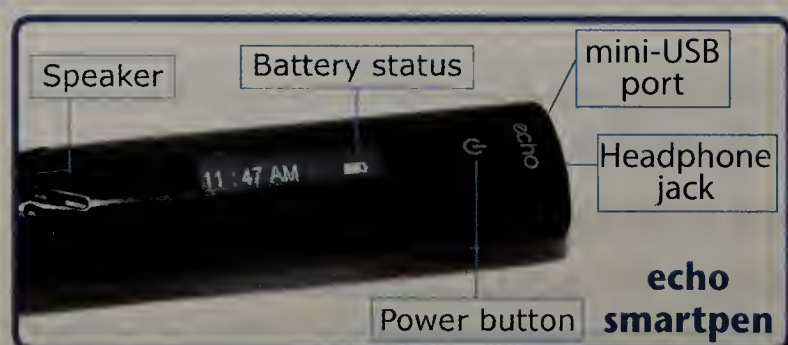
- State name
- State capital
- Ten largest cities
- Surroundings (land & water)
- Land area, water area, state water percentage
- Highest point (elevation)
- Major rivers
- Population estimate
- State nickname
- State symbols
- State motto
- Famous people

Includes:

- Foldable tactile/large print map of the United States
- Modified Livescribe™ Echo™ smartpen with audio content, 3.5mm headphone jack, and mini-USB port
- USB charging cable
- Storage pouch for pen and charging cable
- Carrying box to store components
- Large print instruction booklet
- Braille instruction booklet – UEB Compliant

Recommended ages: 8 years and up.

Interactive U.S. Map with Talking Tactile Pen:
1-01150-00.....\$259.00



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without adult supervision.

Core Curriculum:

Fine Arts

Section Index

Braille Beads: APH Starter Kit.....	77	Paint Pot Palette	75
NEW! Color-by-Texture Marking Mats.....	76	Time for Art	75

Fine Arts Related Products

APH InSights Art Calendar.....	182	Quick-Draw Paper.....	93
DRAFTSMAN Tactile Drawing Board	92	Sticky Dots Adhesive	35
Feel 'n Peel Sheets: Carousel of Textures.....	88	Tactile Compass for Math and Art	51
Picture Maker.....	144-145		



Time for Art: Projects and Lessons for Students with Visual Impairments

A handbook for teachers and parents that explains how to instruct visually impaired students in art, how to handle the media being explored, and points to consider in art program planning. Companion lessons are offered for each project and often explore other areas such as science, history, or mathematics.

Time for Art Regular Print/CD-ROM: 8-03800-00.....\$16.00

Paint Pot Palette: Creating Art Through Touch

Paint Pot Palette includes a set of custom-made, whimsical drawings by San Francisco artist Debi Harrison titled Color SENSEation. The pictures are printed and embossed on heavy paper; each picture is titled in print and braille. The embossed lines make it easy to trace the subjects with the fingers and then follow with a crayon or paint brush – this makes it easier for beginning artists to learn to color and paint.

Paint Pot Palette is a collaboration between PlayAbility Toys and APH.

Replacement parts are available from PlayAbility Toys, www.PlayAbilityToys.com

Paint Pot Palette Kit: 1-03933-00.....\$53.00



WARNING: Choking Hazard—
Small Parts. Not intended for children
ages 5 and under without adult supervision.



American Printing House
for the Blind ~ Shopping



Ordering for U.S. Customers: shop.aph.org

New! **Color-by-Texture Marking Mats**

Include an assortment of textured mats which encourage students to independently select embellishments for their personal artwork and coloring pages, as well as for art creations made with clay, foil, and more!

The primary goal of this product is to invite tactile learners to be active participants in art activities by making their own choices based on color and texture preferences. The textured mats and related items can also be used by adults for more sophisticated art creations. The kit is ideal for promoting shared art experiences within a variety of instructional settings with sighted peers.

How to Use

Place a chosen mat underneath a coloring page and rub with a waxed crayon. A wider assortment of textures and shapes can be generated by using different coloring techniques as described in the accompanying instruction booklet.

The coloring pages incorporate large blank areas that will capture the rubbed pattern(s). To create a stable working surface, insert a textured coloring mat into the provided non-skid tray and place the coloring page on top.

The textured mats can also be used in combination with quick-drying clay, modeling compound, or heavy-gauge diagramming foil.

Includes

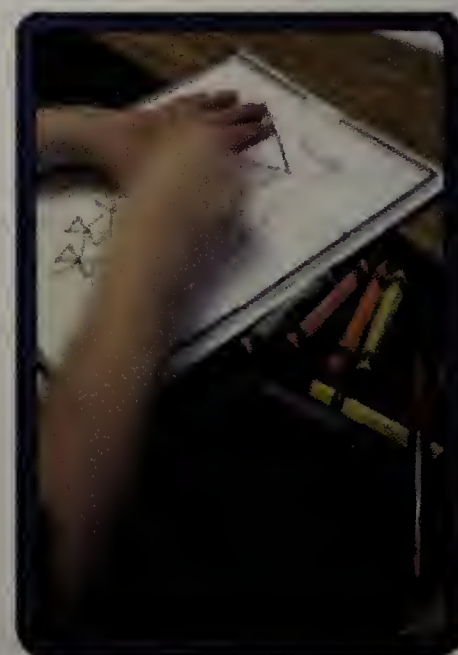
- "Fun Shapes" mat
- Blue rigid vinyl mats with these textures:
 - rough/coarse
 - bold bumpy
 - small bumpy
 - cross-hatch
 - wavy
 - diagonal stripes
 - zigzag
- Set of raised-line tactile coloring pages
- Non-skid coloring tray
- Box of triangular Crayola® crayons
- Crayon Names Sticker Sheet in braille with print reference sheet
- Instruction booklet, in print and in braille
- Storage/carrying box with handle

Recommended ages: 3 years and up.

Color-by-Texture Marking Mats Kit: 1-03332-00.....\$119.00

Replacement Item

Raised-Line Coloring Pages, set of 25: 61-114-012.....\$5.00



Capture the texture of the mat underneath by using a wax crayon on your paper!

Braille Beads: APH Starter Kit

Braille Beads are small, plastic rectangles that have braille on one side and incised print letters on the other. Also included are fun image beads (flower, heart, peace symbol, and circle). These beads allow children who are blind and visually impaired to create personalized objects of art they can wear. By wearing braille jewelry, children become ambassadors for braille! Braille Beads measure: 10mm tall x 8mm wide x 5mm deep (braille height is 0.52mm)



Recommended ages: 5 years and up.

Braille Beads: APH Starter Kit:
1-08879-00.....\$229.00

Braille Beads are available with Quota funds.



WARNING: Choking Hazard—
Small Parts. Not intended for children ages 5 and under without adult supervision.



Replacement Items

Findings Pack Kit (necklace, bracelet, and fob): 1-08887-00.....\$31.00

Braille Beads Pack: 1-08888-00.....\$154.00

Pony Beads Pack: 1-08889-00.....\$21.00



Optional Braille Beading Tray with Jars

APH offers the Braille Beading Tray with Jars as a separate product. The tray and jars keep the beads organized while beading. Each recessed circle that holds a jar of Braille Beads has a fluted space directly in front of it to hold the same color Pony beads. The workspace has a beading mat to prevent the Pony beads from rolling.

Braille Beading Tray with Jars: 1-08877-00.....\$62.00

Get Creative, Enter APH InSights!

APH InSights Annual Juried Art Competition and Exhibition

Each year APH sponsors a juried art competition and exhibition designed **exclusively for blind and visually impaired artists of all ages**. Works are chosen for exhibition at APH's Annual Meeting. Award winners are selected in each of nine categories.

Submissions to APH InSights may include sculpture, pottery, weaving, photographs, prints, paintings, mixed media, and collage.

To enter, contact the Special Programs Manager, insights@aph.org



APH has created a calendar featuring artwork from APH InSights, see pg. 182.

Core Curriculum:

Business and Vocational Education

Section Index

FoldRite Letter Folding Tool..... 78 Prevocational Skills Development Materials 78

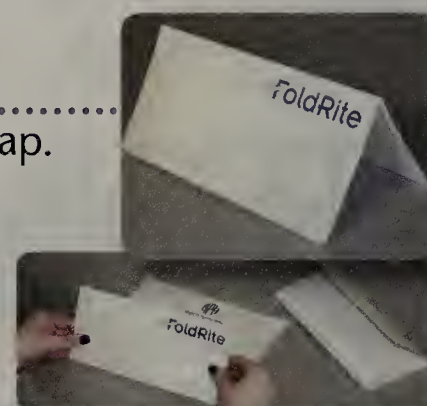
Business and Vocational Education Related Products

Adapted Practice Checkbook.....	166	Learn Keys: Verbal Keyboard Feedback	96
Analog Clock Model	54	MiniBook Braille Quick-Note Products.....	161
Braille		Super-Sized Folders.....	119
DateBook	161	Talking Calculator	166
Pocket Folders	119	Transition Tote System	156
EZ Track Products	165	VisioBook.....	123
JAWS and MAGic Student Edition.....	148	Wooden Junior Constructo Set.....	175

FoldRite: Letter Folding Tool

Made of durable plastic, designed to make folding 8 1/2 x 11 inch paper a snap. Consists of two plastic, hinged plates. Letters can be tri-folded by placing the paper between the plates and folding the FoldRite over twice. Can also be used to create strips of blank braille paper that fit into a business envelope.

FoldRite: 1-08009-00.....\$5.00



Prevocational Skills Development Materials

Designed for multihandicapped students, this kit and other materials suggested in the guidebook helps develop manipulative skills, such as matching, sorting, counting, assembling, and packaging.

Recommended ages: 10 years and up.

Prevocational Skills Kit: 1-08000-00.....\$450.00

Replacement Items:

Paper-Folding Jig: 1-08010-00.....\$38.00

**Round & Square Containers with
Screw Tops: 1-08020-00.....\$148.00**

**Sorting/Assembly Tray (9.5x31.75x5.25 inches):
1-08030-00.....\$98.00**

**Bolt, Nut, & Washer Board (6x14x7 inches):
1-08040-00.....\$60.00**

**Bolt Practice Boards (ea.: 2.75x12x2 inches):
1-08050-00.....\$89.00**

**Prevocational Skills Development Guidebook:
8-01300-00.....\$17.00**

Note: The Sorting and Assembly tray can be used as a calendar box system. To learn more, read the article in *APH News* at:

www.aph.org/news/january-2004/

Core Curriculum:

Physical Education

Section Index

APH Sound Balls.....	79	Jump Rope to Fitness Kit	81
<i>Everybody Plays!</i>	80	Portable Sound Source.....	80
<i>Games for People with Sensory Impairments</i>	80	Rib-It-Balls.....	79
<i>Going Places</i>	82	30-Love Tennis Kit.....	81
NEW! <i>Gross Motor Development Curriculum</i>	82	Walk/Run for Fitness Kit	81

APH Sound Balls

Some Features:

- Dual Speakers and volume
- Two-tone sound
- Durable
- Two colors/two distinct sounds
- Non-toxic/latex-free materials
- 7 1/2 inches in diameter

APH Sound Ball:

Boing Boing (Yellow): 1-07510-00.....\$116.00

Techno Beat (Red): 1-07516-00.....\$116.00

Replacement: Power Supply, Sound Balls: 61-190-021.....\$39.25



Rib-It-Balls

These fun balls are easy to grab and have high contrast ribbing. "Crinkly" fabric in the ribs adds an auditory component. These inflatable, latex-free multicolored balls have been designed in two-color combinations, making them easier for visual orientation, and are available in three sizes.

Jacob's Rib-It-Ball

14 inch: 1-07513-00.....\$26.00

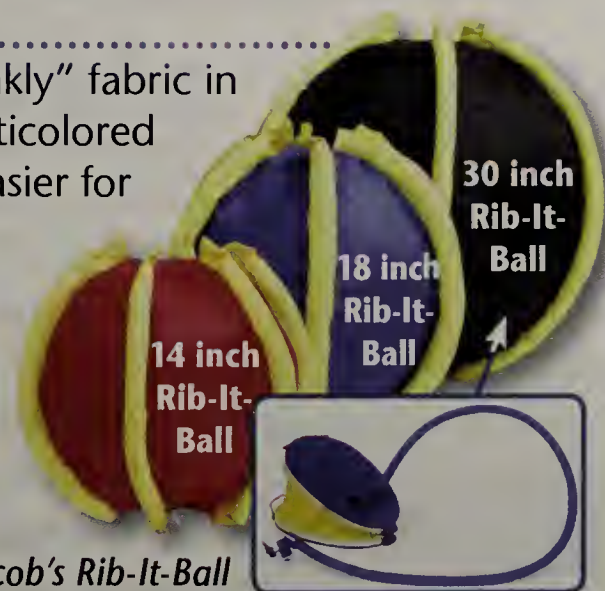
18 inch: 1-07514-00.....\$43.00

30 inch w/Pump: 1-07515-00.....\$75.00

These balls ARE available with Quota funds.



Note: Not designed to be used as a therapy ball. Excessive weight should not be placed upon it.



The 30-inch Jacob's Rib-It-Ball includes a foot pump for easier inflation.

Replacement Items:

Replacement Bladder:

14 inch 1-07513-01.....\$5.00

18 inch: 1-07514-01.....\$7.00

30 inch: 1-07515-01.....\$21.00

Get in the Game!

Find physical education resources, including camps, equipment, and more!

Great information on fun ways to get kids moving at www.aph.org/pe/



PHYSICAL EDUCATION

Everybody Plays! How Kids With Visual Impairments Play Sports

Everybody Plays! is a fun storybook that follows an elementary school-age child to a sports camp for children who have visual impairments, blindness, or deafblindness. Readers learn about sports and recreational physical activities that are enjoyed universally.

Each sport and recreational activity has a Listen Up! page that introduces the sports novice to each sport or activity. If a reader does not need the detailed explanation of a particular activity, the print, braille, and electronic books are designed so the Listen Up! pages can be skipped.

Everybody Plays!

Large Print/CD: 7-13095-00.....\$62.00

Braille/CD: 5-13095-00.....\$32.00

Storybook
page



Listen Up!
foldout
page



GAMES for People with Sensory Impairments

Physical education teachers and activity/recreation directors find *GAMES for People With Sensory Impairments: Strategies for Including Individuals of all Ages* to be practical, relevant, and realistic. Adapted Physical Education (APE) professors find it to be a valuable tool when teaching future APE teachers. For novices, this publication provides a wealth of information on what to do, how to do it, and why. Both the large print and braille versions contain a CD-ROM with an .html file.

GAMES for People With Sensory Impairments:

Large Print/CD-ROM: 7-08609-00.....\$66.00

Braille/CD-ROM: 5-08609-00.....\$69.00



Portable Sound Source, Sport Edition

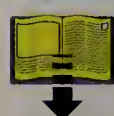
This lightweight sound source comes with a remote control and carrying strap. Create audio tones that provide directional cues for O&M, sound localization training, or playground games and sports.

Receiver uses 5 AA batteries (*not included*), remote transmitter uses a 23A 12-Volt battery (*included*), rate of tone is variable from 36 to 360 pulses/minute, and pitch is variable stepped increments from 600 to 1200 hertz.

Recommended ages: 6 years and up.

The **Sound Localization Guidebook** provides teachers of young learners who are visually impaired with specific activities that may be used to develop sound localization skills. Group games are presented to practice those skills. Braille version is sold separately.

Portable Sound Source, Sport Edition with Large Print Sound Localization Guidebook, Carrying Strap, and Remote Control: 1-03045-00.....\$246.00



Optional Item:

Sound Localization Guidebook,
Braille: 5-03045-00.....\$39.00



Replacement Items:

Sound Localization Guidebook,
LP: 7-03045-00.....\$28.00

Remote Control: 1-03045-01.....\$47.00



PARTS Walk/Run for Fitness Kit

This kit includes a personal guidewire system that can be set up in your backyard, a school, or a park. Two included talking pedometers encourage family and peer participation. If running or walking with a human guide, you can use the kit's adjustable tether, which is long enough to accommodate wheelchair users. Includes a shoulder sling pack for storage and travel. Guidewire measures 20 meters (21.9 yards).

Complete Kit: 1-07520-00.....\$160.00

Replacement Item:

Guidebooks:



Large Print: 7-07520-00.....\$20.00

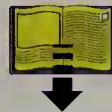
Braille: 5-07520-00.....\$20.00

30-Love Tennis Kit

Whether practicing against a wall, playing singles against an opponent, or participating in a round of doubles, tennis is a great sport for practicing sound localization skills and socialization.

Includes:

- 2 blindfolds and 2 rackets
- Set of 6 sound-adapted tennis balls



- *30-Love: Tennis Guidelines*, Large Print and Braille editions



30-Love Tennis Kit: 1-08110-00.....\$145.00

Replacement Item:

Sound Adapted Tennis Ball: 61-145-087.....\$13.95/ea.

Watch videos of tennis on: www.aph.org/pe/30_love.html



Jump Rope to Fitness Kit

Improve your cardiovascular health: 10 minutes of jumping rope can be as effective as 30 minutes of jogging! The APH Jump Rope to Fitness Kit provides blind and visually impaired individuals the tools to jump rope independently, learn specific skills, and set goals.

Includes:

- Plastic cord jump rope
- Short beaded jump rope
- Medium beaded jump rope
- Long beaded jump rope

- Jump Snap™ talking-ropeless jump rope
- Orientation anti-shock mat



- *Jump Rope to Fitness Guidebook*, Large Print and Braille editions

Recommended ages: 9 years and up.

Jump Rope to Fitness Kit: 1-07521-00.....\$143.00





Going Places: Transition Guidelines for Community-Based Physical Activities for Students who have Visual Impairments, Blindness, or Deafblindness

Going Places is a resource guide for teens and young adults that promotes independent physical activity. It outlines a step-by-step process for choosing and participating in sports and other physical activities outside of the school arena.

Going Places:

Large Print/CD: 7-13090-01.....\$89.00

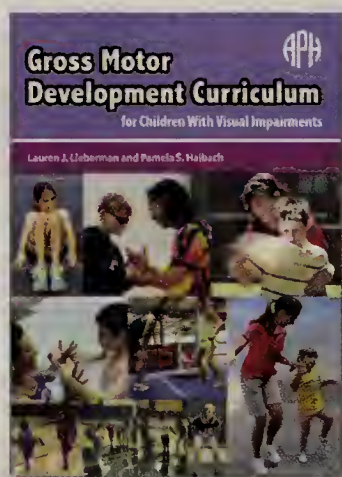
Braille/CD: 5-13090-00.....\$70.00



Replacement Item: Braille Worksheet Packet: 5-13091-00.....\$25.00

New!

Gross Motor Development Curriculum for Children With Visual Impairment



Movement is an essential component of a healthy, happy life. The child who is blind cannot simply "watch and do" like her peers with sight. APH is excited to publish *Gross Motor Development Curriculum (GMDC)* by authors Pamela Haibach, PhD, and Lauren Lieberman, PhD.

This three-part book addresses the specific skills of children with visual impairments based upon research findings on fundamental motor skills. The curriculum (Part I and Part II) discusses general instructional strategies that are effective in teaching gross motor skills to individuals with visual impairment, blindness, and deafblindness, while it details specific teaching techniques, cues, and modified equipment for instruction of 16 gross motor skills.

Part III, the appendices, provides protocols for children who have visual impairments, lead-up activities, and practice records. In addition, the practice records are available as a free download from the APH website.

The curriculum provides teachers and parents with a detailed breakdown of each locomotor skill and object control skill: description, materials, task analysis/practice, and teaching modifications and adaptations. Whether you use the Test of Gross Motor Development, FitnessGram®, or another assessment, GMDC will help your student learn and master the needed skills to perform with his or her peers.

Video

Watch children work around instructional barriers using whole-part-whole instruction, verbal instruction, task analysis, modeling, and demonstration. This instructional video is available on the APH Physical Education, Recreation, and Health website: www.aph.org/physical-education/

Gross Motor Development Curriculum: 7-08400-00.....\$36.00



A girl does a modified push-up where her chest touches a small therapy ball.

Expanded Core Curriculum: Communication Modes and Literacy Education

Communication Modes

Communication needs will vary, depending on the degree of functional vision, the effects of additional disabilities, and the task to be done. Children may communicate through braille, large print, print with the use of optical devices, regular print, tactile symbols, a calendar system, sign language, recorded materials, or combinations of these means.

This section includes products that allow students to access the existing core curriculum.

Section Index

<i>ABC's of Braille</i>	108	DRAFTSMAN Tactile Drawing Board	92
All-In-One Boards	121	Embossed Pencil Writing Paper	110
Aluminum Diagramming Foil	90	Expandable Calendar Boxes	87
APH Alphabet Card Folder.....	100	NEW! Calendar Box Stabilizer.....	87
Beginner's Writing Paper.....	110	Feel 'n Peel	
Big Cell.....	101	Sheets: Carousel of Textures	88
Binders, Folders, Notebooks.....	119	Stickers.....	88-89
Bold-Line Tactile Graph Sheets	118	<i>Flip-Over Concept Books</i>	102
Bold Print Paper and Notebooks	117	<i>Fun with Braille</i>	97
Brailleable Labels and Sheets.....	86	<i>The Good Tactile Graphic</i>	107
Braille Alphabet and Numbers Card	100	GrandStand: Portable Reading Easel.....	99
Braille Contraction Cards.....	100	Graph Sheets	118
Braille Paper.....	116	Graphic Art Tape.....	91
Braille Slates, Styluses, and Erasers.....	111-112	IntelliTactiles	92
Braille Transcriber's Kits (BTK)	109	Learn Keys	96
Braillewriters (Braillewriters)	114	Listen and Think	96
Braillewriting Dot by Dot	108	Mailing Envelopes for Braille.....	115
Building on Patterns (BOP).....	103-107	Peg Slate.....	101
Calendar Kits	94	NEW! Plastic Binder Envelopes for Braille.....	119
Card Chart Kit.....	94	Pop-A-Cell	101
<i>Color Me Book</i>	103	QuickBraille Kit	115
Covers for Braille Documents	115	<i>Quick Check</i>	97
Crafty Graphics Kits	91	Quick-Draw Paper.....	93
<i>Discovering the Magic of Reading Video</i>	100	ReadWrite Stands.....	98
		SAM: Symbols and Meaning	85

continued on next page

Script Letter Board	110	Tactile Connections.....	85
Setting the Stage	108	Tactile Graphic Kits	90
Shafer Reading Stand	99	NEW! Tactile Graphic Line Slate	113
SlateHolder	111	Tactile Marking Mat	110
SMART Braille by Perkins.....	114	Talking Typewriter	95
STACS: Standardized Tactile Augmentative Communication Symbols Kit	86	New! (for iOS devices)	95
Stokes Braille Place Holder.....	110	<i>Teaching Touch</i>	108
Student Starter Pack.....	110	Textured Paper Collection	91
Super-Sized Folders	119	<i>Touch & Tell</i>	101
Swail Dot Inverter	92	<i>Weekly Reader: Special Print/Braille Edition</i>	97
Swing Cell Compact	101	Word Associations Print/Braille Labels.....	93

Communication Modes and Literacy Education Related Products

APH Signature Guide.....	166	Lots of Dots Series	36
APHont: A Font for Low Vision	134	MiniBook Braille Quick-Note Products.....	161
Book Port Plus.....	149	Moving Ahead Series	26
Braille Beads	77	Nemeth Tutorial.....	44
Braille DateBook.....	161	On the Way to Literacy	22-24
Clock Face Sheets in Braille.....	54	<i>SQUID Tactile Activities Magazines</i>	175
Expanded Dolch Word Cards	37	Tactile Editing Marks Kit	39
EZ Track Organizational Products.....	165	Test Ready Language Arts	15
<i>Little Breath of Wind</i> – UEB	20	Visual Braille (for iPad)	151

**Find APH on these
social media sites!**




PARTS SAM: Symbols and Meaning

A kit for students with visual and multiple impairments and pre-k children with visual impairments who are just beginning to use symbols—the late sensorimotor, early preoperational stage of cognitive development.

The SAM Guidebook provides strategies for developing a strong sensory foundation for concepts about people, objects, actions, and places so that symbols referring to them are meaningful.

SAM: Symbols and Meaning: 1-08854-00.....\$411.00

 **WARNING: Choking Hazard—Small Parts.** Not intended for children ages 5 and under without adult supervision.

Replacement Item:

SAM: Guidebook/Assessment and Games Book, Print: 7-08854-00.....\$76.00



Examples of games



Read the story.



Slap the shoe.

APH Intervention Continuum Sequential Kits

APH recommends that learners use the following three products sequentially:

1. Sensory Learning Kit, pg. 27
2. SAM: Symbols and Meaning, pg. 85
3. Tactile Connections: Symbols for Communication, pg. 85



Tactile Connections: Symbols for Communication

This kit helps teachers create a tactile card system that is individualized for visually impaired and blind learners who have additional disabilities and/or lack a formal means of communication or literacy.

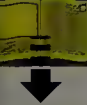

Recommended ages: 5 years and up.

Tactile Connections, Complete Kit: 1-08837-00.....\$149.50

Optional Item: Guidebook

 Braille: 5-08837-00.....\$31.00
 Spanish: 7-08837-SP.....\$37.00


Replacement Items:

 LP Guidebook w/CD-ROM: 7-08837-00.....\$37.00
 Accessories with Caulk: 1-08837-01.....\$32.00

Card Packs (15 cards per pack):

Black: 1-08837-02.....\$11.50	Gray: 1-08837-04.....\$11.50	White: 1-08837-07.....\$11.50
Blue: 1-08837-03.....\$11.50	Green: 1-08837-05.....\$11.50	Yellow: 1-08837-08.....\$11.50
	Red: 1-08837-06.....\$11.50	



 **WARNING: Choking Hazard—Small Parts.** Not intended for children ages 5 and under without adult supervision.

STACS: Standardized Tactile Augmentative Communication Symbols Kit

Tactile symbol systems are valuable tools that aid learners with conversations about people, places, events, and ideas. **STACS: Standardized Tactile Augmentative Communication Symbols Kit** helps learning partners (teachers, parents, peers, etc.) teach a beginning standardized vocabulary.



STACS includes

- 25 tactile symbol cards (basic vocabulary)
- Two blank cards for making individual tactile symbol cards for learners
- Print Guidebook with accessible CD-ROM
- Three online training videos
- Electronic (online) assessment forms

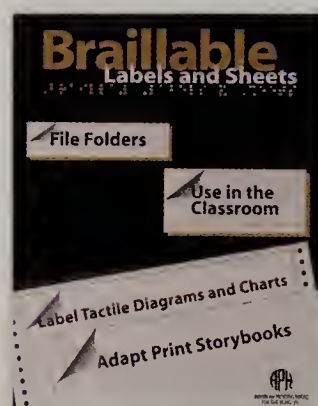
Recommended ages: all ages.

STACS Kit: 1-08815-00.....\$696.00

Replacement Item: STACS Guidebook, Print: 7-08815-00.....\$23.00

 **Optional Item:** STACS Guidebook, Braille: 5-08815-00.....\$21.00

Note: Large Print guidebook is included. Braille guidebook available separately.



Brailleable Labels and Sheets

These clear, blank self-adhesive labels can be brailled and used on items around home, school, and office.

The pre-cut, peel-off Large and Small labels accommodate braille lines up to 15 cells wide, with four lines on the large and two on the small labels. Full-Size and Pin-Fed Sheets offer more room for braille and can be cut to size. A printed SimBraille® sheet is included to assist in determining size and placement.

Recommended Uses for Pin-Fed and Full-Size Sheets

The **8.5 x 11 inch Pin-Fed Clear Adhesive Sheets** (1-08875-00) are ideal for braille lengthy text (e.g., a full page of braille) via a braille, slate & stylus, or braille embosser. If desired, the tractor-fed perforated edges can be removed before insertion into a braille.

The **Full-Size Clear Adhesive Sheets** (1-08874-00), if trimmed to smaller desired sizes or shapes, produce more durable/crisper braille via slate & stylus or braille. **Note:** *Due to the thicker liner on the back of these sheets (versus on the pin-fed version), the ability to roll the full sheet into a braille might be challenging or impossible and will vary from braille to braille.*

Brailleable Labels and Sheets:

Assorted Pack (5 small, 5 large, 10 full-size, and 30 pin-fed sheets): 1-08871-00.....\$50.00

Small Label Pack (3.87 x 0.95) 10 sheets, 18 labels per sheet: 1-08872-00.....\$13.00

Large Label Pack (3.87 x 1.75) 10 sheets, 10 labels per sheet: 1-08873-00.....\$13.00

Full-Size Labels (8.5 x 11) 15 sheets: 1-08874-00.....\$18.00

Pin-Fed Labels (8.5 x 11) 30 continuous sheets: 1-08875-00.....\$38.00

*Pin-Fed Labels (7 x 2.4 inches) 102 labels on a continuous sheet: 1-08895-00.....\$23.00

*Not included in Assorted Label Package.

PARTS Expandable Calendar Boxes

Expandable Calendar Boxes help students who lack a formal means of communication and literacy. They are closed-cell foam boxes that can be used singularly as an anticipation box or in a grouping of two or more as calendar boxes. These boxes benefit students with disabilities that put them at risk for not understanding, participating in, or directing the events that surround them.

Includes:

- Six boxes (*black or white*)
- Five connector u-channels
- Guidebook
- Six label/curtain u-channels
- Instruction Guide



Expandable Calendar Boxes:
 White: 1-08651-00.....\$140.00
 Black: 1-08652-00.....\$140.00



Optional Item for Expandable Calendar Boxes:

New! Calendar Box Stabilizer

Based on feedback from a special education teacher who works in an active-learning classroom, the **Calendar Box Stabilizer** is a smooth platform created to support APH Expandable Calendar Boxes (*available separately*) when two or more are connected.

Designed to rest on the majority of wheelchair trays, the stabilizer allows learning partners to present calendar boxes on a variety of surfaces (e.g., tabletops, floors) or hold them in the air before the student. The stabilizer is white on one side and black on the opposite side. For the visual ease of students—especially those students with cerebral/cortical visual impairment (CVI)—use the included white hook and loop material on the white side of the stabilizer and black hook and loop material on the black side.

Includes:

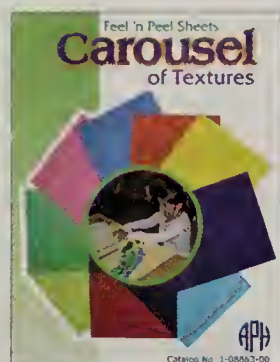
- Stabilizers, black-white reverse (3)
- Black hook material, 48 inches
- White hook material, 48 inches
- Black loop material, 78 inches
- White loop material, 78 inches
- Instructions, large print

• free brf download:
www.aph.org/manuals

Calendar Box Stabilizer:
 1-08653-00.....\$35.00

**Calendar Boxes
 on Stabilizer**





Feel 'n Peel Sheets: Carousel of Textures

Multi-use tactile sheets are printed and embossed on clear, durable plastic.

Includes

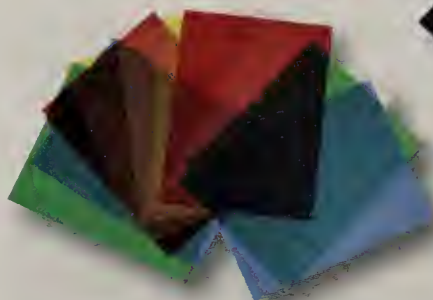
- Translucent "Rough" and "Bumpy" Vinyl Sheets
- Corrugated Sheets
- Craft Foam Sheets
- Foam Glitter Sheets
- Velour and Vivelle® Sheets
- Double-Backed Adhesive Sheets
- Sticky Dots Adhesive
- Storage/Carrying Box
- *Suggested Uses* Sheet, Large Print and Braille

Recommended ages: Preschool and up.

Feel 'n Peel Sheets: Carousel of Textures: 1-08863-00.....\$92.00

Replacement Item: Sticky Dots Adhesive: 1-08452-00.....\$9.00

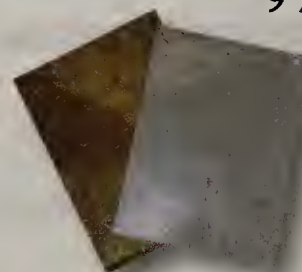
"Rough" and "Bumpy" Translucent Vinyl Sheets



8 1/2 x 11 inches

Velour Sheets

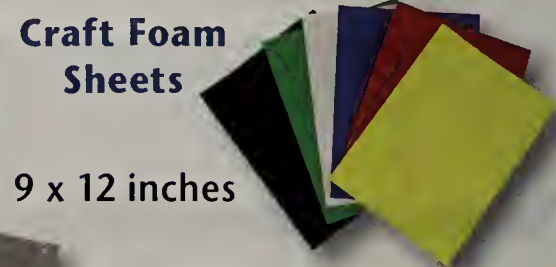
Corrugated Sheets



Vivelle Sheets

8.26 x 11.69 inches (A4)

Foam Glitter Sheets



9 x 12 inches

Note: The textured sheets included in Carousel of Textures are not intended for thermoforming purposes.



WARNING: Choking Hazard—Small Parts (if cut from full size sheets). Not intended for children ages 5 and under without adult supervision.

Feel 'n Peel Stickers: Basic Math Symbols **UEB**

These multi-use braille/print stickers are embossed on clear, durable plastic. Separate UEB and Nemeth packages of the Basic Math Symbols are available.

Feel 'n Peel Stickers: Nemeth Basic Math Symbols and Feel 'n Peel Stickers: UEB Basic Math Symbols (available separately) are intended for the creation and adaptation of math related materials.

Each Pack Includes

- 10 sheets: 1,690 stickers total (330 plus signs, 320 minus signs, 330 multiplication signs, 320 division signs, and 390 equal signs)
- *Suggested Uses* Inserts, in Large Print and in Braille

Recommended ages: Preschool and up.

Feel 'n Peel Stickers:

Nemeth Basic Math Symbols: 1-08892-00.....\$33.00

UEB Basic Math Symbols: 1-08893-00.....\$33.00



UEB and Nemeth Basic Math Symbols available separately



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without adult supervision.

Feel 'n Peel Stickers

Multi-use tactile/visual stickers for students and adults. Bright, translucent colors, durable plastic.

Colors of stickers may vary from those depicted in photos.

Note: Although similar in design, the assortment of stickers included in *Feel 'n Peel Stickers I* and *Feel 'n Peel Stickers II* are very different from each other.

Recommended ages: 3 years and up.

Assorted Stickers Kit (over 2,300 stickers): 1-08843-00.....\$77.00

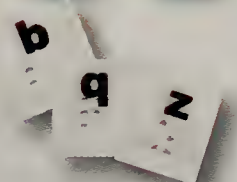
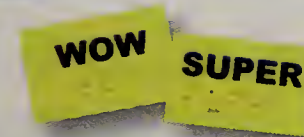
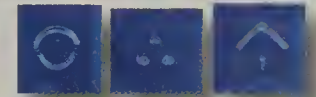
Replacement Items:

Point Symbol (over 1,200 stickers): 1-08846-00.....\$24.00

Smiley/Frowny Face (over 200 stickers): 1-08847-00.....\$24.00

Reward Statements (200 stickers): 1-08848-00.....\$24.00

Braille/Print Alphabet Letters (over 600 stickers): 1-08849-00.....\$24.00



Feel 'n Peel Stickers I and II: WARNING: Choking Hazard—Small Parts.
Not intended for children ages 5 and under without adult supervision.

Feel 'n Peel Stickers II

The *Feel 'n Peel Stickers II* Assortment (five types of stickers and two white-coated magnetic sheets) is printed and/or embossed on the same type of colorful material used for *Feel 'n Peel Stickers I*, but provides completely different stickers.

Assorted Stickers II Kit (over 2,300 stickers): 1-08864-00.....\$96.00

Replacement Items:

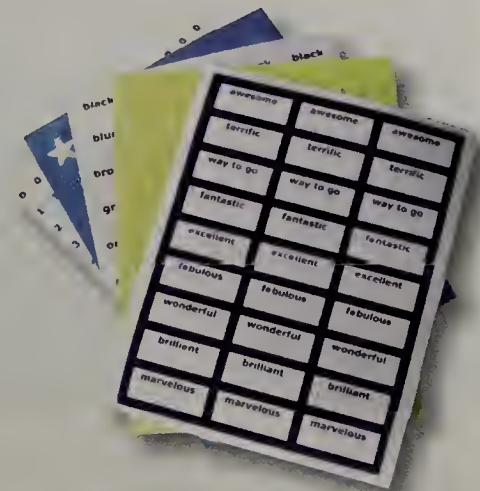
Numbers (over 650 stickers): 1-08865-00.....\$24.00

Rewards Statements II (over 100 stickers): 1-08866-00.....\$24.00

Stars (over 300 stickers): 1-08867-00.....\$24.00

Point Symbols II (over 1,200 stickers): 1-08868-00.....\$24.00

Color Names (over 100 stickers): 1-08869-00.....\$24.00



Feel 'n Peel Stickers: Nemeth Braille/Print Numbers 0-100

These multi-use tactile stickers are printed and embossed on clear, durable plastic. *Feel 'n Peel Stickers: Nemeth Braille/Print Numbers 0-100* are intended for the creation and adaptation of science and math related materials.

Recommended ages: Preschool and up.

Feel 'n Peel Stickers: Nemeth Braille/Print Numbers 0-100: 1-08876-00.....\$24.00



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without adult supervision.

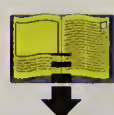
Tactile Graphics Starter Kit

For those who have little experience in making tactile graphics. Ideal if you need only a limited number of graphics. Use to create maps, graphs, illustrations, and more.

Tactile Graphics

Starter Kit: 1-08839-00.....\$75.00

Replacement Item:



Manual for Tactile Graphics Starter Kit only (regular print): 8-08839-00.....\$16.00



All the materials needed for creating simple tactile graphics.



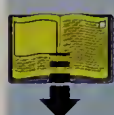
PARTS Tactile Graphics Kit

The Tactile Graphics Kit is an extensive set of materials that allows teachers, transcribers, and mobility instructors to create custom raised-line maps, graphs, diagrams, and charts using a variety of point symbol tongs, areal pattern plates, and line drawing tools. Masters are embossed on heavy aluminum foil and can be reproduced on a vacuum-form machine.

Tactile Graphics Kit: 1-08851-00.....\$284.00

Replacement Items:

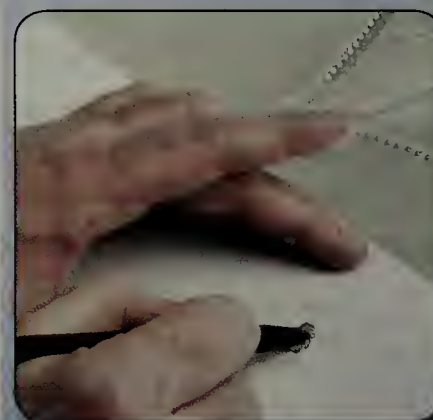
Line-Drawing Tool Kit (set of 3 tools):
1-08851-01.....\$70.00



Tactile Graphics Guidebook Large Print/
CD-ROM Edition: 7-08851-00.....\$33.00



Line-Drawing
Tool Kit



Aluminum Diagramming Foil for Use with Tactile Graphics Kit

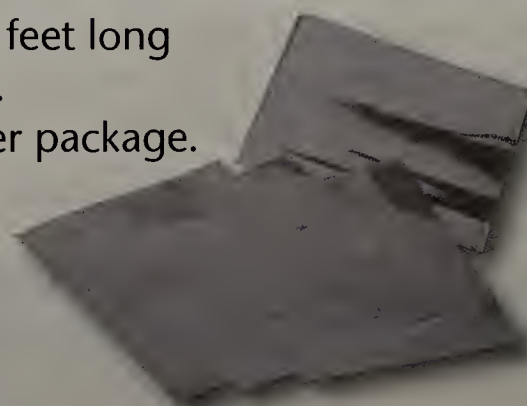
For creating masters of raised-line graphics. Foil has white paint on one side for drawing graphics beforehand in pencil or ink. Available in rolls or sheets. Roll is 11 inches wide and approximately 75 feet long (you get less than you did with the old roll). Sheets measure 11 x 11 inches. 30 sheets per package.

Aluminum Diagramming Foil:

Sheets: 1-04090-00.....\$35.00

Roll: 1-04121-00.....\$78.00

Choose aluminum diagramming foil in rolls or sheets for producing tactile graphic masters.





*Mini-Lite Box
sold separately.*

PARTS Crafty Graphics: Stencil Embossing Kit

Contains stencils, embossing tools, and other items needed to create tactile graphics by dry pressure embossing. Supply your own light source to place underneath sheets to be embossed (e.g., APH's Mini-Lite Box or natural light).

Crafty Graphics Kit: 1-08844-00.....\$154.00

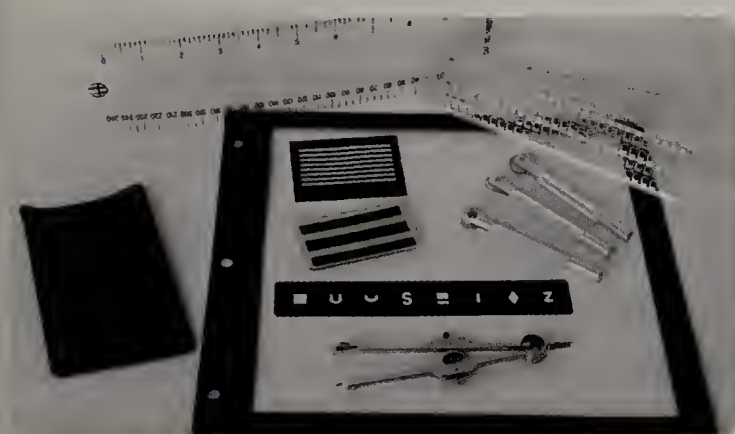
Optional: Guidebook, Braille: 5-08844-00.....\$21.00

Replacement Items:

Guidebook, CD-ROM Disc: D-08844-00.....\$9.00

Additional Bold Line Graph Paper, 8 1/2 x 11 with 1/4 inch grid: 1-04062-00.....\$14.00

 Guidebook: Large Print: 7-08844-00.....\$20.00



Crafty Graphics II

This kit provides supplemental tools to be used with the original Crafty Graphics kit.

Crafty Graphics II Kit: 1-08852-00.....\$76.00

Optional Items:

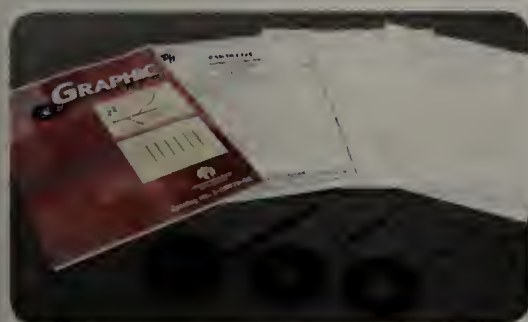
Additional Bold Line Graph Paper, 8 1/2 x 11,
1/4 inch grid: 1-04062-00.....\$14.00

 Guidebook, Braille: 5-08844-00.....\$21.00

Replacement Items:

Clear Plastic Pocket Braille Slate/Stylus: 1-00078-00.....\$9.00

Three Spur Wheels and One Compass with Spur Wheel: 1-08852-01.....\$23.00



Graphic Art Tape

Includes three different widths of black, crepe-finish tape, 1/4, 1/8, and 1/16 inches in 18-yard rolls with separate print and braille versions of a suggested uses sheet.

Graphic Art Tape: 1-08878-00.....\$36.45

Textured Paper Collection

This paper collection contains tactile colored sheets that can be cut out and applied to another surface for many purposes, such as tactile worksheets, areal patterns, storybooks, household items, etc.

Textured Paper Collection: 1-03275-00.....\$44.00



PARTS DRAFTSMAN Tactile Drawing Board

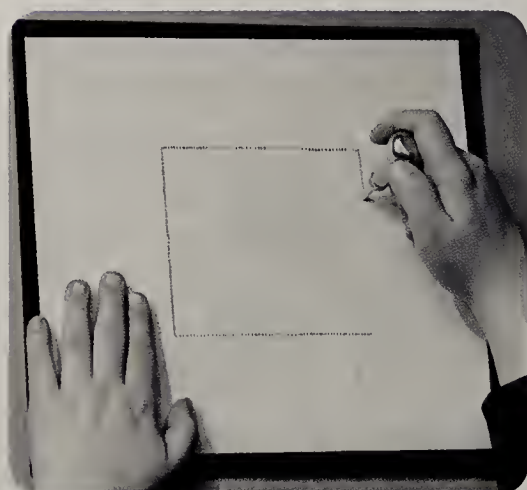
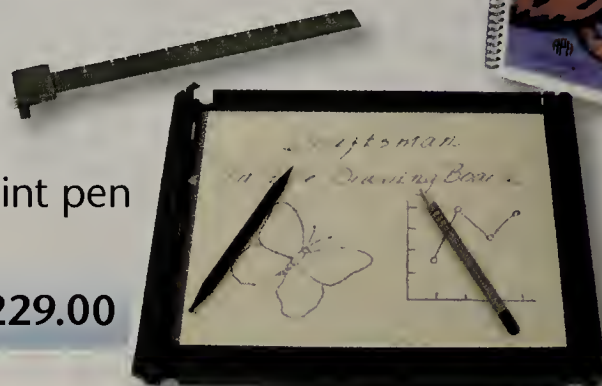
A versatile tactile drawing board that is used in combination with special film and a stylus to create instant raised-line images. Intended for a wide audience, such as students, teachers, parents, and adults who are blind, the DRAFTSMAN can be used for all kinds of activities.

This board has a plastic frame that encases a double-layered rubber surface. Clamp a sheet of included drawing film onto the board and use the included stylus or a ballpoint pen to quickly draw a raised image.

DRAFTSMAN Tactile Drawing Board: 1-08857-00.....\$229.00

Replacement Item:

Additional Tactile Drawing Film (25 sheets): 1-08858-00.....\$7.00



Swail Dot Inverter

Construct simple diagrams, graphs, maps, etc. by embossing a series of single dots. Braille paper (*sold separately*) is placed on top of the 12 x 12 inch rubber pad. The special stylus allows dots to be embossed upwards by puncturing the paper on the down stroke and then pulling the dot upwards on the up stroke. Works best with Brailon® plastic braille paper (pg. 116), also available in multiple sizes from American Thermoform, www.americanthermoform.com

Recommended ages: 5 years and up.

Swail Dot Inverter: 1-03610-00.....\$45.00

Replacement Item: Rubber Pad: 1-03620-00.....\$11.00

IntelliTactiles Pre-Braille Concepts, Classroom Suite Edition

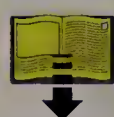
IntelliTactiles™ Pre-Braille Concepts Classroom Suite Edition includes seven tactile overlays that can be used with the commercially available IntelliKeys® USB keyboard, or as stand-alone "worksheets," to develop young children's tactile discrimination skills, shape recognition ability, and understanding of many spatial/positional concepts.

Recommended ages: 5 to 10 years

IntelliTactiles Pre-Braille Concepts (includes User's Guides in both large print and braille): 1-08516-01.....\$159.00

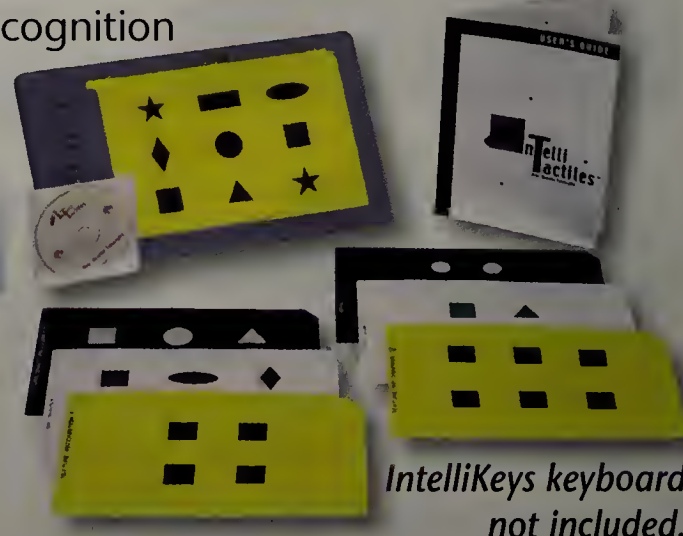
Replacement Item:

User's Guide:

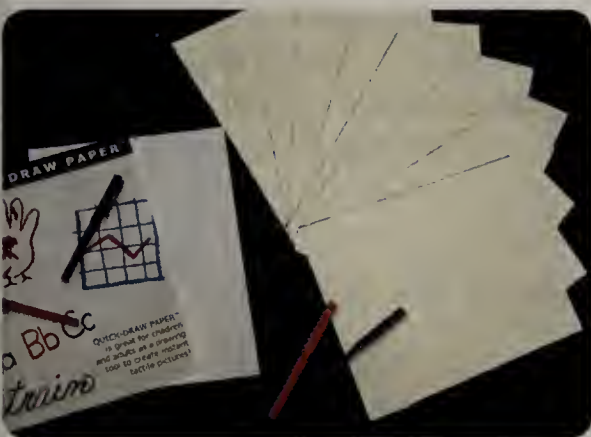


Large Print: 7-08516-01.....\$15.00

Braille: 5-08516-01.....\$20.00



IntelliKeys keyboard not included.



Quick-Draw Paper

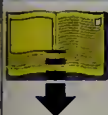
Create instant tactile graphics that are useful for a wide variety of art, orientation & mobility, diagramming, and educational activities.

Simply draw on paper surface with a water-based marker and the lines will swell instantly and become tactile. Includes 10 sheets of 8 1/2 x 11 inch Quick-Draw™ Paper, instructions in large print, and two water-based markers.

Recommended ages: 4 years and up.



Quick-Draw Paper: 1-04960-00.....\$35.00



Optional Item: Suggested Uses, Braille: 5-04960-00.....\$9.00

Word Associations Print/Braille Labels

Introduce children to the world of reading by using these large print/braille stickers! Consists of 12 sheets of self-adhesive labels containing common words.

For example, the large print/braille label "chair" can be placed on a chair to associate the word with the object. Includes 91 labels and a manual in either large print or braille.

Recommended ages: 3 years and up.



Sample usage
of labels



(ball & bell
not included)

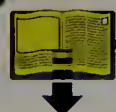
Word Associations Print/Braille Labels:

with Large Print Manual: 8-39050-00.....\$39.00

with Braille Manual: 6-39050-00.....\$39.00

Replacement Items:

Labels only: 6-39052-00.....\$22.00



Large Print Manual only: 8-39051-00.....\$17.00

Braille Manual only: 6-39051-00.....\$17.00

Make Practicing Braille Fun!



Pg. 97 – Fun with Braille:

Entertaining activities designed to provide practice for adults and children who are already familiar with the braille contractions.

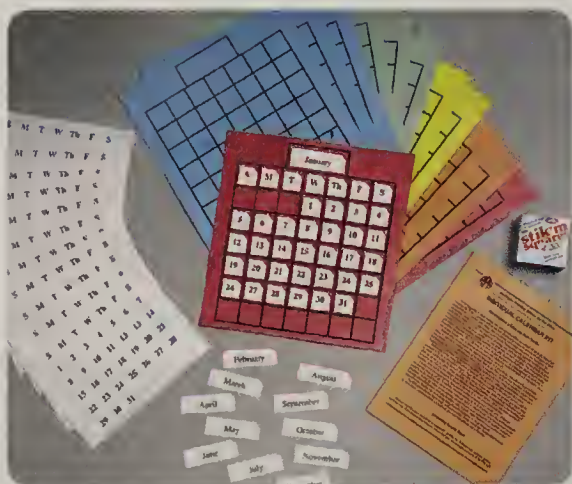
Pg. 100 – Braille Contraction Cards: Large print/braille flashcards for practicing Literary Braille contractions.

Pg. 42 – All Aboard! The Sight Word Activity

Express: Learn high frequency sight words and common nouns with this interactive and versatile set of magnetic print/braille labels.

Pg. 37 – Expanded Dolch Word Cards:

Consists of sight words and picture words in a combination of contracted and uncontracted braille, large print, and illustrations.



Individual Calendar Kit

Students can experience the fun and challenge of creating their own calendars. Calendars are inexpensive and consumable.

Includes:

- Twelve brightly colored embossed/bold line grid sheets, one for each month.
- Paper labels showing the month, days of the week, and days of the month. Labels are marked in large print and in braille.

Recommended ages: 4 to 10 years.

Individual Calendar Kit: 1-18971-00.....\$18.00

PARTS Classroom Calendar Kit

Large wall calendar for the classroom. Introduce sighted and blind children to such concepts as measuring time; tracking left, right, top, and bottom; recording the weather; and recognizing and sequencing numerals.

- Month grid, with raised grid lines
- High-contrast, large print/braille labels with an orientation corner cut
- Brightly colored and embossed holiday and weather symbols
- Plastic labels for the year, month, and days of the week and labels with numerals 1-31
- Instructions in large print and on CD

Recommended ages: 4 to 10 years.

Classroom Calendar Kit:

English: 1-18970-00.....\$113.00

Spanish: 1-18973-00.....\$125.00



Card Chart Kit

Holds up to thirty 3 1/2 x 2 inch braille/print cards sold by APH in a variety of products.

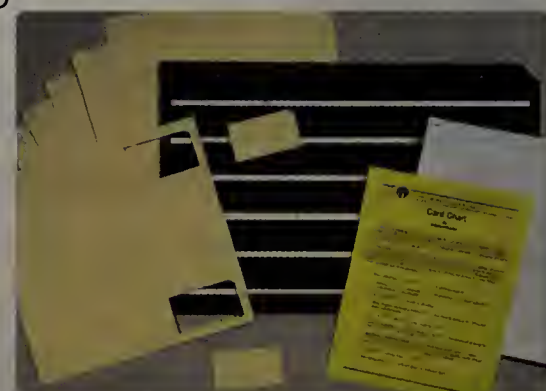
Chart board measures 19 1/2 x 12 1/4 inches and has holes for hanging and a corner cut for orientation. Up to five cards can be inserted into each of six high contrast slots. Includes 90 blank cards you can mark.

Recommended for all ages.

Card Chart Kit: 1-03550-00.....\$35.00

Replacement Item:

Blank Cards (90 cards): 1-03540-00.....\$5.00



New!

Talking Typer (for iOS devices)



Learn to type or improve your skills with drills, practice lessons, keyboard explorer, and an entertaining game. It is designed for students who are blind and visually impaired, but can be used by typically sighted students too. Works with iOS devices running iOS 9.1 or later. *Available with Quota funds!*

35 Built-in Lessons

Talking Typer™ comes with 35 built-in lessons at beginner and advanced levels. Teachers and parents can create new lessons, edit lessons, and assign lessons to individual students or groups. The app saves the results of each drill allowing students, teachers, and parents to monitor improvement.

Hurry Scurry Game

The app also includes the exciting game Hurry Scurry, where students earn points by typing letters before the ball drops. It's fun for all ages and skill levels!

Self-Voicing and Apple® VoiceOver Accessible

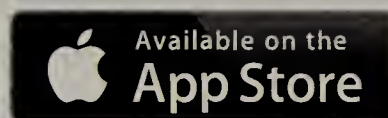
The app is both self-voicing and accessible with Apple's VoiceOver. The onboard keyboard of your device can be used with Talking Typer, but an external keyboard is recommended.

The app can also be used with a refreshable braille display, like APH's Orbit Reader 20™ Bluetooth®-enabled device, making it accessible for students who are deafblind as well.

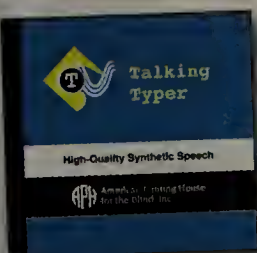
Talking Typer, Non-Quota Order, on the App Store®: \$4.99

Available on the App Store at <https://itunes.apple.com/app/id992103463>

Talking Typer, Quota Order: D-30021-APL.....\$4.99



Note: Find detailed software purchasing instructions in the "How to Order" section, pg. 210.



Talking Typer (for Windows Software)

A computer keyboard and typing training software that speaks and displays lessons on screen. Includes drills, practice, and typing games and is adjustable to the student's level of skill and sight impairment.

Recommended ages: 6 years and up.

Requires a PC running Windows® 7, 8.1, or 10.

Talking Typer™ for Windows:

CD-ROM: D-03430-01.....\$89.00

Digital Download: D-03430-ED.....\$79.00

Digital Download, Multiple Licenses:

25-49: D-03430-ED1.....\$69/machine

50-74: D-03430-ED2.....\$63/machine

75-99: D-03430-ED3.....\$55/machine

100+: D-03430-ED4.....\$47/machine



Note: Find detailed software purchasing instructions in the "How to Order" section, pg. 209.



Learn Keys: Verbal Keyboard Feedback Software

A PC keyboard exploration and announcement program that gives you human speech feedback.

Requires a PC running Windows® 7, 8.1, or 10.

Note: *Learn Keys is not a screen reader – it speaks keystrokes.*

Learn Keys™:

CD-ROM: D-03410-00.....\$14.95

Digital Download: D-03410-ED.....\$14.95

Find detailed software purchasing instructions in the "How to Order" section, pg. 209.

Download APH Software Demos: tech.aph.org

Listen and Think

Develop and improve listening comprehension and thinking skills with this lesson series.

Listen and Think Auditory Readiness (AR) Level:

Covers basic listening skills such as understanding placement (e.g., up and down), using the senses, comparing, and classifying.

AR Level Includes:

- Introduction and lessons on CDs
- Teacher's handbook
- 250 Simple Multiple-Choice Answer Sheets *(also available separately)*
- Eight plastic crayons

Recommended ages: 5 to 7 years.

Listen and Think (AR) Level CD-ROM: 1-08510-01.....\$99.00

Replacement Item:

Simple Multiple-Choice Answer Sheets, print/braille (50-pk.): 1-03680-00.....\$13.00

Listen and Think Levels B and C:

Advanced levels introduce such concepts as main ideas, summarizing, outlining, and comparing.

Level B and C Includes:

- Introduction and lessons on CDs
- 48 plastic crayons and 300 marking pins
- 250 Multiple-Choice, Multipurpose Answer Sheets *(also available separately)*
- 50 Progress Charts
- Teacher's handbook, regular print

Recommended ages: 7 to 8 years for Level B; 8 to 9 years for Level C.

Listen and Think:

Level B CD-ROM: 1-03890-01.....\$149.00

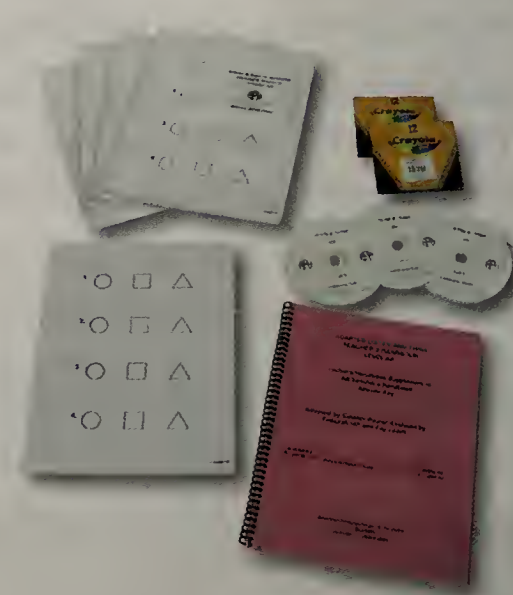
Level C CD-ROM: 1-03910-01.....\$149.00

Replacement Items:

Multiple-Choice, Multipurpose Answer Sheets, (50-pk.):

Large Print: 1-04072-00.....\$12.00

Braille: 1-04051-00.....\$5.50

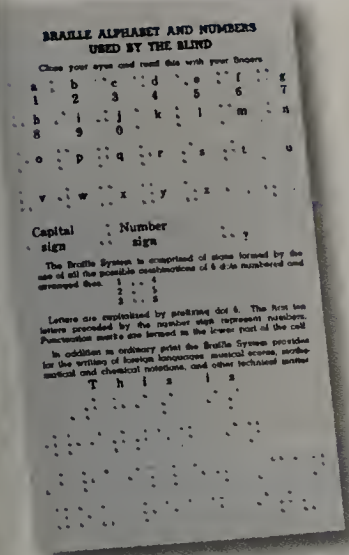


Braille Alphabet and Numbers Card

Intended to increase the awareness of braille among print readers, this card presents the alphabet, numbers, and limited punctuation signs in braille. A simple sentence in uncontracted braille is included, allowing for translation practice.

Braille Alphabet and Numbers Card (100-pk.): 1-04020-00.....\$7.00

Not available with Quota funds.



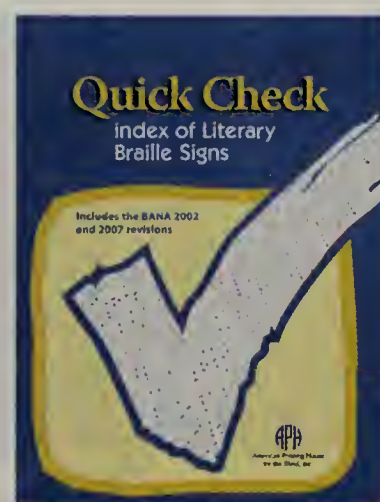
Quick Check: Index of Literary Braille Signs

This booklet contains many of the common English braille contractions, including word signs, short-form words, punctuation, and composition signs.

Quick Check:

Braille: 5-35960-01.....\$16.00

Print: 7-35960-01.....\$10.50



Fun with Braille

This book of entertaining activities is designed to provide additional practice for adults and children who are already familiar with the braille contractions.

A list of contractions and the activities in which they appear is included for reference. The print edition includes selected activities in simulated braille so that print users learning braille can practice their skills.

Fun with Braille:

Large Print: 7-00110-00....\$40.00

Braille: 5-00110-00.....\$30.00



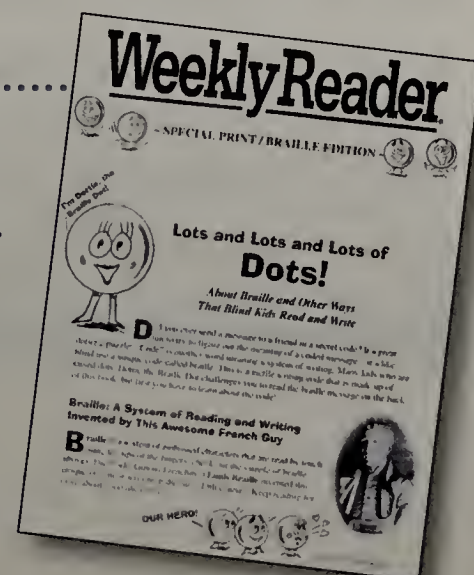
Weekly Reader: Special Print/Braille Edition

Fun and educational publication for print readers who want to learn more about the way kids who are blind read and write. Cartoon characters help you learn about the braille code, Louis Braille, large print, and Talking Books. Regular print publication with samples of braille.

As a special service, educators may request up to five copies free by calling our 800 number. Sold individually.

Recommended ages: 8 years and up.

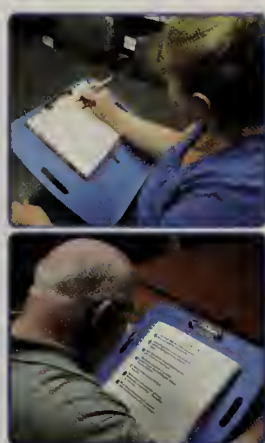
Weekly Reader®: Special Print/Braille Edition: Z-SMWR97.....\$1.00



ReadWrite Stand

Students and adults with visual impairments can use this stand for both reading and writing tasks. Stand measures 18 x 14 1/8 inches and can be positioned in four distinct angles – 5° (at rest), 15°, 30°, and 45°. Weighs approx. 2 1/2 lbs. and has two built-in handles. It features a low-profile clip that secures reading/writing materials (e.g., worksheets) to the stand during use.

An LED book light is provided and can be positioned by the user along the upper edge of the reading stand.



Small bracket 15° angle

Medium bracket 30° angle

Large bracket 45° angle



Recommended ages: 5 years and up.

ReadWrite Stand: 1-03206-00.....\$103.00

! WARNING: Adult supervision is required for adjusting the brackets on the **ReadWrite** and the **ReadWrite mini** Stands for child use. **DO NOT** place fingers underneath the spring-loaded hinges of the uppermost bracket.

ReadWrite mini

Similar to the above ReadWrite, but smaller. Stand measures 10 x 11 1/2 inches and can be positioned in the same four distinct angles. Weighs approx. 1 1/2 lbs. and has a built-in handle. It features a low-profile clip that secures reading/writing materials (e.g., worksheets) to the stand during use. An LED book light is provided and can be positioned by the user along the upper edge of the reading stand.

This bright red reading/writing stand has a metal apparatus mounted on the back that accommodates three additional angles apart from the resting angle.

Recommended ages: 5 years and up.

ReadWrite mini: 1-03207-00.....\$103.00





GrandStand: Portable Reading Easel

Easy to lift, carry, and lock into position. Folds up when not in use.

Adjustable shelf may be raised and lowered to accommodate the height of the reader. Top surface measures 15 x 14 1/2 inches. Weighs only 2 1/3 lbs.

Recommended ages: 5 years and up.

GrandStand: Portable Reading Easel:

Yellow: 1-03205-00.....\$59.00

Black: 1-03204-00.....\$55.00

Includes removable clips for holding book pages open (not shown).

Desk Top Reading Stand

This reading stand is made of durable white plastic. It is portable and holds reading material at a proper position for low vision users.

Features

- Bookshelf runs width of the stand
- Built-in carrying handle
- Reading surface: 23 3/4 x 18 inches
- Adjustable page clamps
- Five tilt angles



Recommended ages: 8 years and up.

Desk Top Reading Stand: 1-03220-01.....\$151.00

PARTS Shafer Reading Stand

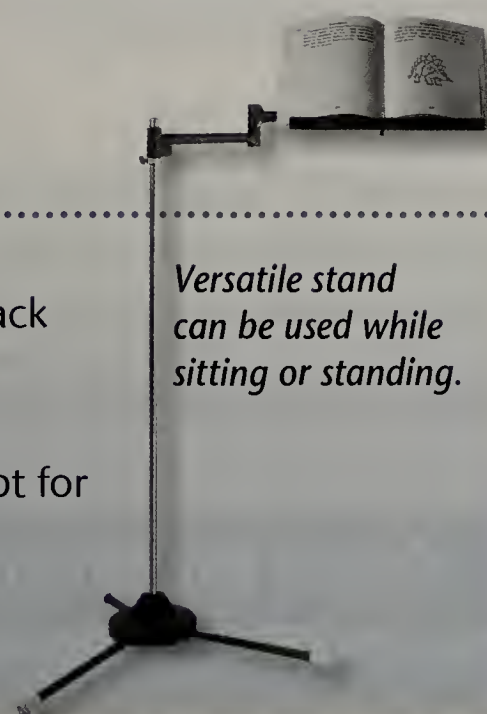
Adjustable, heavy-duty self-supporting stand for large print publications.

Tripod base with a 42-inch shaft. A 4-joint, adjustable swivel arm/book rack attaches to the shaft. Bookrack measures 16 x 11 1/2 inches.

Swivel arm can be locked at any height along the shaft. Bookrack can be rotated or tilted in many different positions. All-metal construction, except for nonslip rubber feet.

Recommended ages: 6 years and up.

1-03230-00.....\$326.00



Versatile stand can be used while sitting or standing.

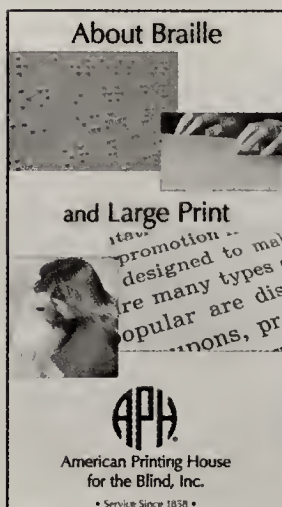
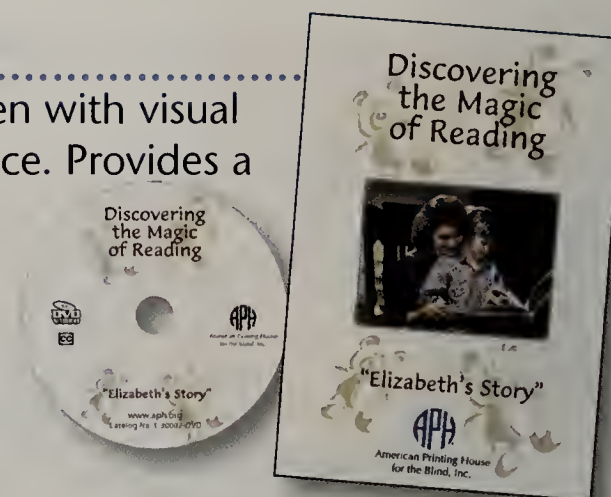
Discovering the Magic of Reading: "Elizabeth's Story"

Video and booklet explore ways that parents and teachers of children with visual impairment can make reading aloud an enjoyable learning experience. Provides a compelling account of the value of reading to young children.

Recommended ages: birth to 5 years.

24-minute video and booklet: 1-30002-DVD.....\$25.00

Additional Booklets only (10-pk.): 7-30002-00.....\$32.00



APH Alphabet Card Folder

Designed to raise the awareness of braille among print readers, this card displays the braille alphabet, a sample of large print, and a brief history of APH. Measures 3 5/8 x 6 3/8 inches folded.

As a special service, educators may request up to five copies free by calling our 800 number.

Alphabet Card Folder

(50-pk.): 1-04000-01.....\$9.00

Not available with Quota funds.

Braille Contraction Cards

Large print/braille flashcards for practicing Literary Braille contractions.

Includes

- Alphabet and numbers
- Punctuation and composition signs
- One-cell whole-word and part-word signs
- Short-form words
- Two-cell contractions

Includes 247 cards, measuring 3 1/2 x 2 inches, 8 blank cards, 30 indexing cards with tabs, and a storage box. **Note:** UEB edition coming in future!

Recommended ages: 6 years and up.

Braille Contraction Cards: 1-03561-00.....\$19.00



Can be used with the Card Chart or the Expanded Dolch Word Cards.

Open the World of Braille with Building on Patterns UEB!

For over 35 years, young learners have had the world of braille reading and writing opened up to them with APH's **Building on Patterns: Primary Braille Literacy Program**. Fully revised in UEB!

For more information see pages 103-107.



Swing Cell Compact

Helps students understand the relationship between the braille cell and the keys on a braillewriter. Internal storage of pegs.

Recommended ages: 5 years and up.

6-78041-00.....\$55.00



Pop-A-Cell

A large-scale braille cell measuring 2 5/8 x 4 1/4 inches. Pop the durable plastic cell dots up or down to create various braille characters. Set of four colors and a Braille Alphabet and Numbers Card.

Pop-A-Cell (4-pk.):
1-17002-00.....\$15.00

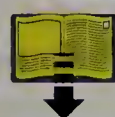


*Introduce
embossed
hands,
geometric
forms, and
braille dots.*

Touch and Tell

Classic set of braille reading readiness books. Volumes I and II introduce embossed hands and geometric forms. Volume III introduces braille dots. Recommended ages: 5 to 6 years.

Touch and Tell:
6-44670-00.....\$99.00



Replacement Item: Instruction
booklet: 8-44660-00.....\$5.00

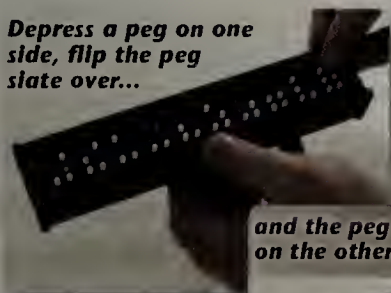


Big Cell

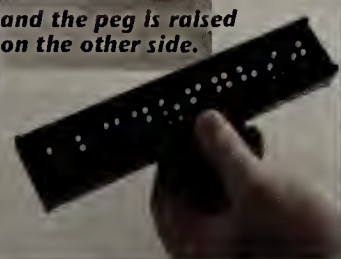
Enlarged plastic braille cell model that allows a blind person to examine the shape of a braille cell. Helps beginning slate users learn where to put the stylus for various dot positions.

Big Cell:
1-08820-00.....\$6.00

*Depress a peg on one
side, flip the peg
slate over...*



*and the peg is raised
on the other side.*



*Paperless device
helps teach the
use of a slate
and stylus.*

Peg Slate

Designed to help teach beginning users of the braille slate. A frame is mounted with pegs that represent the braille dots in 10 braille cells. Push pegs down, then flip frame over to read the braille message. Instructions in print and braille.

Recommended ages: 6 years to adult.

Peg Slate: 1-08830-00.....\$16.00



American Printing House
for the Blind ~ Shopping



Ordering for U.S. Customers: shop.aph.org

Flip-Over Concept Books

These concept books provide interactive, independent learning for young children as they build basic concepts and develop early tactile skills. The format of the books ***LINE PATHS***, ***PARTS OF A WHOLE***, ***TEXTURES***, and future **Flip-Over Concept Books** consists of tactile, full-color panels that can be turned until the child finds adjacent panels that continue a line or pattern, complete a sequence, build an image, and so on.

Note: These books utilize a special binding that opens and closes, allowing teachers and parents to:

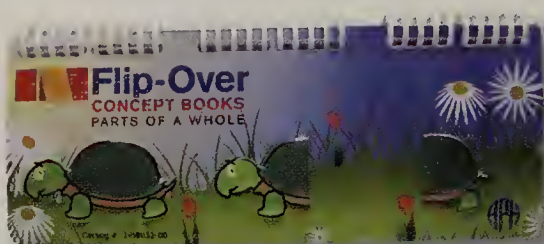
- Randomize/shuffle the panels within each stack to prevent the child from memorizing the exact location of a panel
- Minimize the number of line paths presented in the book, if needed, for a younger child

Recommended ages: 4 years and up.

Flip-Over Concept Books: LINE PATHS

LINE PATHS includes tactile and full color panels that can be turned freely until the child finds adjacent panels that match each other, continue a line or pattern, and so on. Continuous Line Path Worksheets are included to allow the child to practice.

Flip-Over Concept Books: LINE PATHS: 1-08831-00.....\$69.00



Flip-Over Concept Books: PARTS OF A WHOLE

PARTS OF A WHOLE consist of tactile, full color panels that can be turned freely until the child finds adjacent panels that match each other, continue a line or pattern, complete a sequence, build an image, and so on.

Flip-Over Concept Books: PARTS OF A WHOLE: 1-08832-00.....\$50.00

Flip-Over Concept Books: TEXTURES

The ***TEXTURES*** goal is to find three adjacent panels that are embossed with the same textured pattern. An assortment of textured vinyl panels is provided that the teacher/parent can select from to build a unique ***TEXTURE*** flip-over book. Each texture appears as separate red, blue, or yellow panels. Some panels are duplicated in soft, flocked styrene to encourage the child to discriminate between subtle textural differences.

Includes

- *Flip-Over Concept Book: TEXTURES*
- Reader's Guide (print and braille versions)
- Textured panels

Flip-Over Concept Books:
TEXTURES: 1-08829-00.....\$93.00





Patterns Prebraille Program

Designed to prepare children before they begin braille reading. Helps build a child's auditory, tactual, conceptual, and language skills. Emphasis in this program is on exposure to a variety of common childhood experiences.

Patterns Prebraille Program: 6-78360-00.....\$108.00

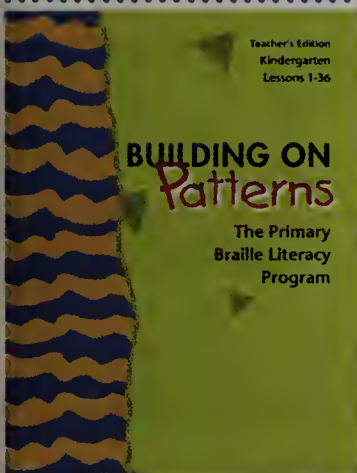
Optional Items:

Teacher's Manual: 8-78380-00.....\$25.00

Instructions for Making Tactual Readiness Books: 8-78370-00.....\$10.00

Patterns Prebraille Form Books: 6-78361-00.....\$55.00

Building on Patterns: Primary Braille Literacy Program — Kindergarten Level **UEB**



Building on Patterns (BOP) is a complete primary literacy program designed to teach beginning braille users to read, write, and spell in braille.

Student materials updated for Unified English Braille (UEB).

The series addresses vocabulary, fluency, comprehension, phonemic awareness (ability to hear and interpret sounds in speech), and phonics (the association of written symbols with the sounds they represent).

Kindergarten lessons include a selection to be read to the student, questions to discuss, and an activity for the child to complete. Textbooks are consumable.

Recommended ages: 4 to 5 years and up.

BOP Kindergarten:

Student Kit-UEB: 6-78550-00.....\$179.00

Teacher's Edition:

Print (2 vol.): 8-78451-00.....\$152.00

Braille: 6-78451-00.....\$152.00

Note: Each student kit includes Posttest Consumables, Textbook Assessment Check-up Forms, set of 7 Student Textbooks, and *Color Me* Book.

Optional Item, BOP Kindergarten:

Posttest Teacher's Manual

Print: 8-78452-00.....\$21.00

Braille: 6-78452-00.....\$21.00

Replacement Items, BOP Kindergarten:

Posttest Consumable Set

(Print & Braille): 8-78455-00.....\$22.00

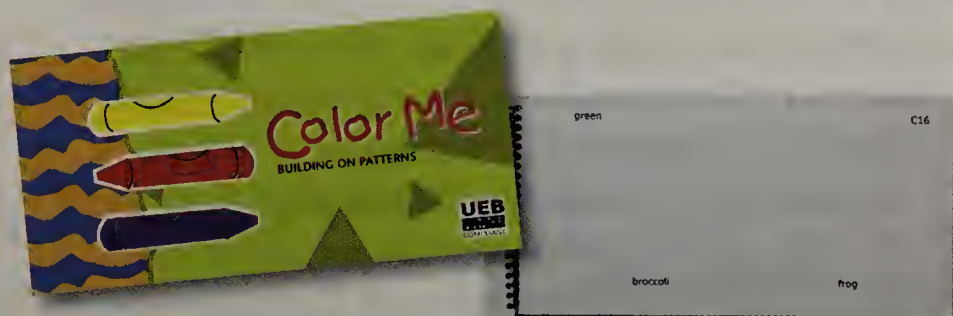
Assessment Check-up Forms

(Print & Braille): 8-78456-00.....\$26.00

Student Textbooks-UEB, (7 per Set):

6-78553-00.....\$108.00

Color Me Book: 6-78454-00.....\$23.00



Color Me is an 11 1/2 x 5 1/2 inch soft covered book containing raised-line pictures to be colored. Each page has one or two raised-line drawings of an item that is usually the same color as the braille/print color word at the top of the page.

Recommended ages: 4 years and up.

continued on next page



IMPORTANT: Download FREE UEB Teacher Supplements for each volume of the Teacher's Edition, BOP Kindergarten, First Grade, and Second Grade from www.aph.org/manuals/#alpha-b for information on what has changed.

Building on Patterns: Primary Braille Literacy Program — First Grade Level **UEB**

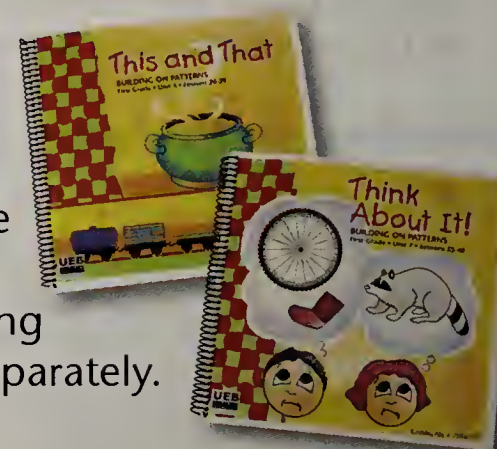
Building on Patterns (BOP) is a complete primary literacy program designed to teach beginning braille users all language arts — reading, writing, and spelling.

Student materials updated for Unified English Braille (UEB).

BOP First Grade lessons require students to read selections themselves with emphasis on decoding skills, comprehension, and fluency. Creative writing, related to the reading selections, is included with each lesson. Spelling is based upon phonics skills. Worksheet packs, lesson monitoring sheets, and unit assessment packs are consumables and are available separately.

Recommended ages: 6 to 7 years and up.

Prerequisite: Building on Patterns: Kindergarten or equivalent skills.



BOP First Grade Level:

Note: Each student kit includes Lesson Monitoring Sheets, Assessment Check-up Forms, Student Textbooks, and Worksheets Pack.

Unit 1, *Not Far from Home:*

Student Kit–UEB: 6-78560-U1.....\$119.00

Teacher's Edition

(includes Reference Vol.):

Print: 8-78561-U1.....\$99.00

Braille: 6-78561-U1.....\$99.00

Unit 2, *Going and Doing:*

Student Kit–UEB: 6-78560-U2.....\$119.00

Teacher's Edition:

Print: 8-78461-U2.....\$65.00

Braille: 6-78461-U2.....\$69.00

Unit 3, *Animal Tales:*

Student Kit–UEB: 6-78560-U3.....\$119.00

Teacher's Edition:

Print: 8-78461-U3.....\$59.00

Braille: 6-78461-U3.....\$59.00

Unit 4, *At School:*

Student Kit–UEB: 6-78560-U4.....\$119.00

Teacher's Edition:

Print: 8-78461-U4.....\$59.00

Braille: 6-78461-U4.....\$59.00

Unit 5, *This and That:*

Student Kit–UEB: 6-78560-U5.....\$119.00

Teacher's Edition:

Print: 8-78461-U5.....\$59.00

Braille: 6-78461-U5.....\$59.00

Unit 6, *More Animal Tales:*

Student Kit–UEB: 6-78560-U6.....\$119.00

Teacher's Edition:

Print: 8-78461-U6.....\$59.00

Braille: 6-78461-U6.....\$59.00

Unit 7, *Think About It!:*

Student Kit–UEB: 6-78560-U7.....\$119.00

Teacher's Edition:

Print: 8-78461-U7.....\$59.00

Braille: 6-78461-U7.....\$59.00

BOP: First Grade Level (cont.)

Optional Items, BOP First Grade:

Teacher's Posttest Manual:

Print: 8-78562-00.....\$25.00

Braille: 6-78562-00.....\$25.00

Posttest Consumables Pack: 8-78565-00.....\$40.00

Unit 6 Animal Shapes and Pages Set: 6-78467-00.....\$39.00

A fun optional product for BOP First Grade, Unit 6!

This entertaining and educational animal crackers puzzle was developed from "More Animal Tales," BOP First Grade, Unit 6, Lesson 33.

Animal Shapes and Pages Set for First Grade, Unit 6 is a fun optional animal puzzle!



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without adult supervision.

Replacement Items, BOP First Grade:

Unit 1:

Student Txtbk: 6-78463-U1.....\$29.00

Assessment Check-up Forms

(print & braille): 8-78466-U1.....\$29.00

Lesson Monitoring Sheets

(print & braille): 8-78463-U1.....\$33.00

Worksheets Pk-UEB: 6-78564-U1.....\$28.00

Unit 2:

Student Txtbk: 6-78463-U2.....\$29.00

Assessment Check-up Forms

(print & braille): 8-78466-U2.....\$29.00

Lesson Monitoring Sheets

(print & braille): 8-78463-U2.....\$33.00

Worksheets Pk-UEB: 6-78564-U2.....\$28.00

Unit 3:

Student Txtbk-UEB: 6-78563-U3.....\$29.00

Assessment Check-up Forms

(print & braille): 8-78466-U3.....\$29.00

Lesson Monitoring Sheets

(print & braille): 8-78463-U3.....\$33.00

Worksheets Pk-UEB: 6-78564-U3.....\$28.00

Unit 4:

Student Txtbk-UEB: 6-78563-U4.....\$29.00

Assessment Check-up Forms

(print & braille): 8-78466-U4.....\$29.00

Lesson Monitoring Sheets

(print & braille): 8-78463-U4.....\$33.00

Worksheets Pk-UEB: 6-78564-U4.....\$28.00

Unit 5:

Student Txtbk-UEB: 6-78563-U5.....\$29.00

Assessment Check-up Forms

(print & braille): 8-78466-U5.....\$29.00

Lesson Monitoring Sheets

(print & braille): 8-78463-U5.....\$33.00

Worksheets Pk-UEB: 6-78564-U5.....\$28.00

Unit 6:

Student Txtbk-UEB: 6-78563-U6.....\$29.00

Assessment Check-up Forms

(print & braille): 8-78466-U6.....\$29.00

Lesson Monitoring Sheets

(print & braille): 8-78463-U6.....\$33.00

Worksheets Pk-UEB: 6-78564-U6.....\$28.00

Unit 7:

Student Txtbk-UEB: 6-78563-U7.....\$29.00

Assessment Check-up Forms

(print & braille): 8-78466-U7.....\$29.00

Lesson Monitoring Sheets

(print & braille): 8-78463-U7.....\$33.00

Worksheets Pk-UEB: 6-78564-U7.....\$28.00

Reference Volume

included w/Unit 1 Teacher's Ed.):

Print: 8-78461-RV.....\$44.00

Braille: 6-78461-RV.....\$44.00

Building on Patterns: Primary Braille Literacy Program — Second Grade Level **UEB**

Braille contractions are introduced from the beginning along with sound and letter associations. Expanded Core Curriculum (ECC) Skills such as using tactile graphics and technology are also included. BOP Second Grade builds on the components of BOP First Grade and contains additional activities.



Student materials updated for Unified English Braille (UEB).

BOP Second Grade includes more worksheets, part-word braille contractions, and other remaining literacy contractions and symbols along with the rules to use them. The curriculum also emphasizes syllables and multisyllabic words, and the effect of certain letter combinations on vowel sounds. For optional map work, each lesson gives the foreign origin of at least one spelling word.

Recommended ages: 7 to 8 years and up.

Prerequisite: BOP First Grade or equivalent skills.

BOP Second Grade Level:

Unit 1, *That's So Silly*:

Student Kit-UEB: 6-78570-U1.....\$169.00

Teacher's Edition

(includes Reference Vol.):

Print: 8-78571-U1.....\$159.00

Braille: 6-78571-U1.....\$159.00

Unit 2, *At Your Service*:

Student Kit-UEB: 6-78570-U2.....\$169.00

Teacher's Edition:

Print: 8-78471-U2.....\$159.00

Braille: 6-78471-U2.....\$159.00

Unit 3, *Family and Friends*:

Student Kit-UEB: 6-78570-U3.....\$169.00

Teacher's Edition:

Print: 8-78471-U3.....\$159.00

Braille: 6-78471-U3.....\$159.00

Unit 4, *Just for the Fun of It*:

Student Kit-UEB: 6-78570-U4.....\$169.00

Teacher's Edition:

Print: 8-78471-U4.....\$159.00

Braille: 6-78471-U4.....\$159.00

Optional Items, BOP Second Grade:

Teacher's Posttest Manual:

Print: 8-78572-00.....\$25.00

Braille: 6-78572-00.....\$25.00

Note: Each student kit includes Lesson Monitoring Sheets, Assessment Check-up Forms, Student Textbooks, and Worksheets Pack.

Unit 5, *It's a Natural Thing*:

Student Kit-UEB: 6-78570-U5.....\$169.00

Teacher's Edition:

Print: 8-78471-U5.....\$159.00

Braille: 6-78471-U5.....\$159.00

Unit 6, *A Walk on the Wild Side*:

Student Kit-UEB: 6-78570-U6.....\$169.00

Teacher's Edition:

Print: 8-78471-U6.....\$59.00

Braille: 6-78471-U6.....\$159.00

Unit 7, *Celebrate Books* (includes 3 complete chapter books):

Student Kit-UEB: 6-78570-U7.....\$169.00

Teacher's Edition:

Print: 8-78471-U7.....\$159.00

Braille: 6-78471-U7.....\$159.00

Posttest Consumables Pack (teacher's forms in print & braille, student's forms in braille): 8-78575-00.....\$35.00

continued on next page

COMMUNICATION MODES AND LITERACY EDUCATION

BOP: Second Grade Level (cont.)

Replacement Items, BOP Second Grade:

Unit 1:

Student Textbook: 6-78573-U1.....\$35.00
Consumable Unit Assessment Packet
(print & braille): 8-78476-U1.....\$77.00
Lesson Monitoring Sheets
(print & braille): 8-78473-U1.....\$22.00
Worksheets Pack: 6-78574-U1.....\$35.00

Unit 2:

Student Textbook: 6-78573-U2.....\$35.00
Consumable Unit Assessment Packet
(print & braille): 8-78476-U2.....\$77.00
Lesson Monitoring Sheets
(print & braille): 8-78473-U2.....\$22.00
Worksheets Pack: 6-78574-U2.....\$35.00

Unit 3:

Student Textbook: 6-78573-U3.....\$35.00
Consumable Unit Assessment Packet
(print & braille): 8-78476-U3.....\$77.00
Lesson Monitoring Sheets
(print & braille): 8-78473-U3.....\$22.00
Worksheets Pack: 6-78574-U3.....\$35.00

Unit 4

Student Textbook: 6-78573-U4.....\$35.00
Consumable Unit Assessment Packet
(print & braille): 8-78476-U4.....\$77.00
Lesson Monitoring Sheets
(print & braille): 8-78473-U4.....\$22.00
Worksheets Pack: 6-78574-U4.....\$35.00

Unit 5:

Student Textbook: 6-78573-U5.....\$35.00
Consumable Unit Assessment Packet
(print & braille): 8-78476-U5.....\$77.00
Lesson Monitoring Sheets
(print & braille): 8-78473-U5.....\$22.00
Worksheets Pack: 6-78574-U5.....\$35.00

Unit 6:

Student Textbook: 6-78573-U6.....\$35.00
Consumable Unit Assessment Packet
(print & braille): 8-78476-U6.....\$77.00
Lesson Monitoring Sheets
(print & braille): 8-78473-U6.....\$22.00
Worksheets Pack: 6-78574-U6.....\$35.00

Unit 7:

Student's Textbooks (*Fish Face, Skin, and Bones*): 6-78573-U7.....\$65.00
Consumable Unit Assessment Packet
(print & braille): 8-78476-U7.....\$49.00
The Binder (includes Worksheets):
6-78574-U7.....\$65.00

Reference Volume:

Print: 8-78471-RV.....\$44.00
Braille: 6-78471-RV.....\$44.00




The Good Tactile Graphic

These videos tell the story of a visually impaired angel who must find well-made tactile graphics of his flight manual if he is ever to fly!

Guidelines, Resources, and Samples provides specific guidelines for the design of tactile graphics, which expand on those mentioned in these videos. It also provides further resources and information that may be of use to creators of tactile graphics. In addition, it contains actual samples of some of the tactile graphics depicted in the video.

***The Good Tactile Graphic* DVD and Booklet: 1-30006-DVD.....\$25.00**

 **Replacement: *Guidelines, Resources, and Samples***
(booklet only): 7-30006-01.....\$15.00





PARTS Setting the Stage for Tactile Understanding

This set of tangible items and activities assists young tactile readers in making the transition from the exploration of real objects to the interpretation of 2-D representations, both in thermoformed formats and simple raised-line illustrations. A 3-D house model aids in advanced understanding of scale and perspective.

Recommended ages: 5 years and up.

Setting the Stage for Tactile Understanding, Complete Kit: 1-08853-00.....\$209.00



Optional Item:

Braille Guidebook: 5-08853-00.....\$35.00



Replacement Item:

Large Print Guidebook: 7-08853-00.....\$46.00



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without adult supervision.

ABC's of Braille

by Bernard M. Krebs ©1973

A simplified introduction to the characters & rules of English Braille geared to the requirements of children ages 9-12 or other beginning learners.

Braille: 5-00200-00.....\$55.00

Teacher's Guide, Print and

Braille: 5-00210-00.....\$25.00

Teaching Touch

Helps parents or teachers encourage young children (4-7 yrs.) who are blind to become active explorers and readers of tactile graphics.

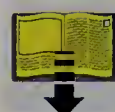
The included booklet introduces various tactile graphics skills.



Teaching Touch Kit: 1-08861-00.....\$55.00

Optional Item:

Manual,



Braille: 5-08861-00.....\$23.00

Large Print: Free Download only

Braillewriting Dot by Dot

Most programs teach braille *reading*; this kit focuses on beginning *writing* skills with braillewriters and slate & stylus.

Braillewriting Dot by Dot kits are available in braille (*pictured*) and print.

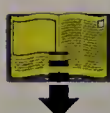
Braillewriting Dot by Dot Kit:

w/Braille Teacher's Manual: 5-17400-00.....\$63.50

w/Print Teacher's Manual: 7-17400-00.....\$49.50

Replacement Items:

Teacher's Manual:



Print: 7-17401-00.....\$20.00

Braille: 5-17401-00.....\$34.00

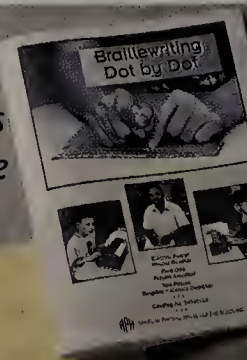
Exercise CD: 7-17401-CD.....\$5.00

Peg Slate: 1-08830-00.....\$16.00

Big Cell: 1-08820-00.....\$6.00

Alphabet Etc.: 5-17402-00.....\$2.50

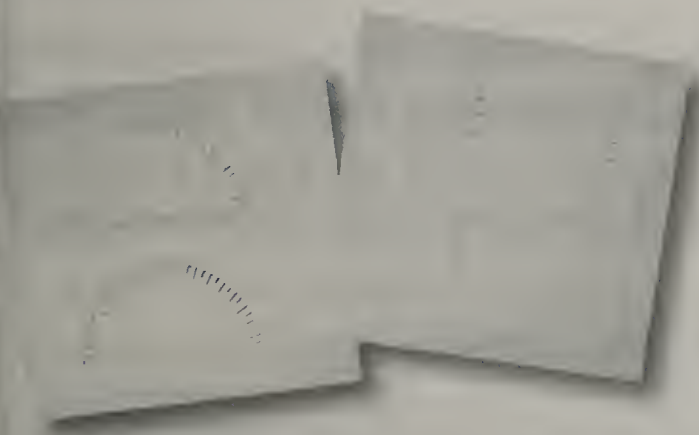
Helps students develop braille writing skills.



Peg Slate aids students in learning slate writing.

Big Cell allows students to explore the braille cell.

Note: It is recommended that a Swing Cell Compact, 6-78041-00, be used with this kit.



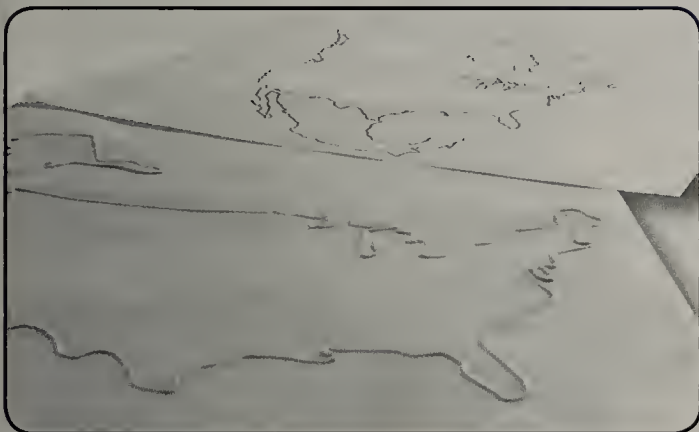
Sample pages from the BTK: Math –
protractors and thermometers.

Braille Transcriber's Kit: Math

Make braille transcription of elementary math books quicker with this collection of raised-line graphics.

Master sheets contain five each of: rulers, number lines, protractors, unlabeled thermometers, and clock faces, as well as three sizes of low-relief graph paper. Master sheets can be thermoformed to provide multiple copies of figures. Embossed on 11 1/2 x 11 inch braille paper.

BTK: Math: 1-04100-00.....\$24.00



Braille Transcriber's Kit: U.S. Maps

A collection of embossed and printed drawings found in history, geography, and social studies textbooks.

The embossed sheets may be used as templates for thermoforming. Add to them with spur wheel lines, craft ink, glued-on textures, braille labels, and other tactile graphics materials. Printed maps may be used as outlines for tracing or as masters for "swell paper" tactile graphics.

Maps include:

- North America, including Canada, the U.S., & Mexico
- U.S. with 50 states outlined
- U.S. outline (Alaska and Hawaii included, *not to scale*)
- Western region states
- Eastern region states
- Original 13 colonies

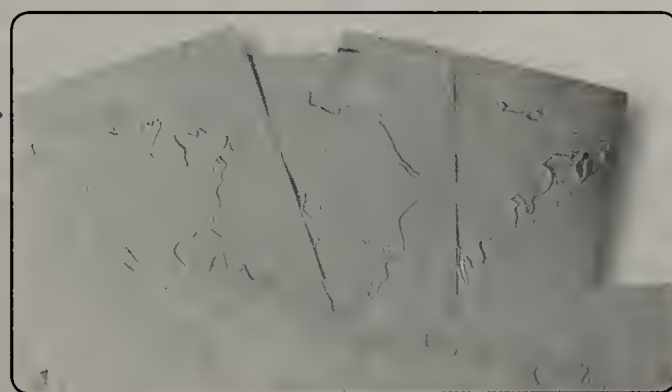
BTK: U.S. Maps: 1-04101-00.....\$25.00

Braille Transcriber's Kit: Countries and Continents

The Braille Transcriber's Kit: Countries and Continents is a collection of embossed and printed outlines of maps commonly found in history, geography, and social studies textbooks.

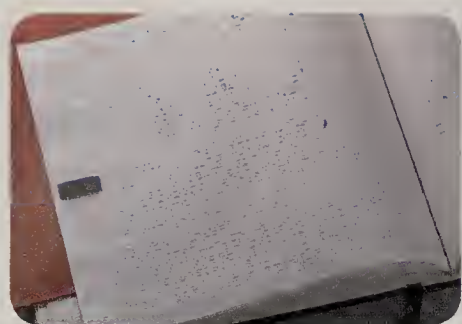
Maps include:

- Africa (political)
- Africa (outline)
- Asia (political)
- Asia and Australia (outline)
- Europe (political)
- Europe (outline)
- Middle East (political)
- North America and Central America (political)
- South America (political)
- World (outline)



The embossed sheets may be used as templates when you create tactile maps. Photocopy the images onto your capsule paper, add labels, lines, and symbols, and produce the raised image by running the graphic through the heating machine.

BTK: Countries and Continents: 1-04102-00.....\$35.00



Stokes Braille Place Holder

Device marks the spot where you stopped reading on a braille page. Consists of a 11 x 9 1/2 inch sheet of brightly-painted metal and a strip of magnetic plastic. Metal sheet slips under the braille page and the magnet is placed at the last line read.

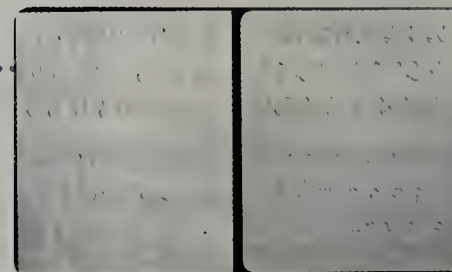
Stokes Braille Place Holder: 1-03590-00.....\$34.00

Script Letter Board

Explore and trace upper and lower case letters, about 3/4 inch high. Use a pencil to trace the incised script (cursive) letters on this board. Rubber pads prevent slipping.

Recommended ages: 10 years and up.

Script Letter Board: 1-04060-00.....\$7.00

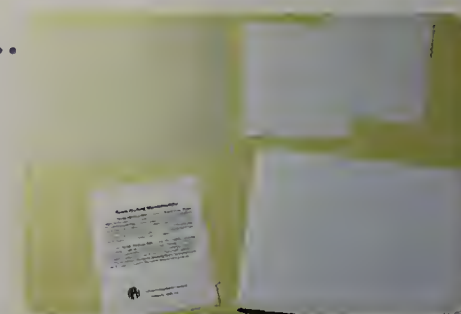


Tactile Marking Mat

A textured plastic sheet (17 x 13 1/2 inch) for use with included embossed-line Longhand Writing Paper or other thin paper. Mat's texture causes wax crayon marks to be tactile. Use for drawing, handwriting practice, and creating simple diagrams. Includes 100 sheets of paper.

Recommended ages: 3 years and up.

Tactile Marking Mat: 1-03331-00.....\$23.50



The Tactile Marking Mat can also be used for drawing activities using crayons.

Student Starter Pack

Basic braille materials packaged for students who are taking beginning braille classes. Includes 150 sheets of 8 1/2 x 11 inch manila transcribing paper, 150 sheets of 11 1/2 x 11 inch manila transcribing paper, a 4-line 28-cell aluminum slate with Saddle

Stylus, and a Cranmer abacus.

Student Starter Pack: 1-00350-00.....\$67.00



Embossed Pencil Writing Paper



Provides heavy raised lines to guide students or adults in handwriting. 22 lines per each sheet. Measures 8 3/4 x 10 1/2 inches and is in pads of approx. 165 sheets.

Embossed Pencil Writing

Paper: 1-04560-00.....\$12.00

Beginner's Writing Paper

Special paper helps students practice manuscript and cursive writing. Top of sheet is printed with a sample alphabet, followed by bold lines for practice. Measures 11 x 8 1/2 inches. Plain (no alphabet) is also available.

Recommended ages: 5 years and up.

With Alphabet, Padded, 100 sheets:

Upper Case Cursive: 1-04890-00.....\$3.50

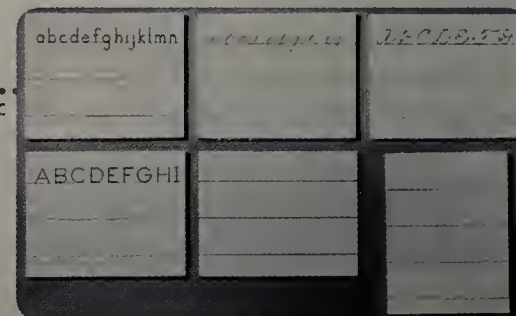
Upper Case Manuscript: 1-04910-00.....\$8.00

Lower Case Manuscript: 1-04920-00.....\$7.00

Plain, Padded, 500 sheets:

8 1/2 inches wide: 1-04731-00.....\$19.00

11 inches wide: 1-04741-00.....\$17.00

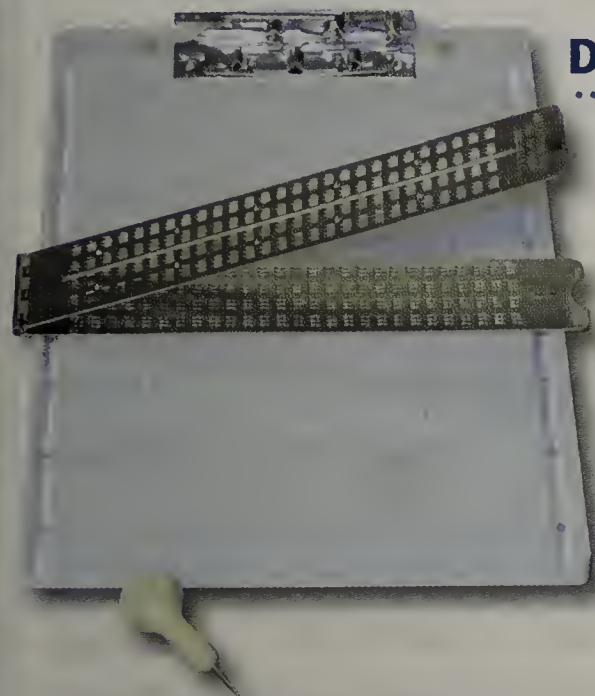


APH offers a wide variety of slates and other unique devices for writing braille and print. Please feel free to consult the chart on next page.

Braille Slates, Styluses, and Erasers

Note: All slates include a stylus. A complete listing can be found in the chart on the next page.
Recommended ages for all slates: 6 years and up.

Examples of some of our slates and related items:



Desk Board with 27 Cell Braille Slate & Long Handle Stylus

Made with durable white plastic. After writing four lines, open the slate and slide it down until the pegs fit into the next set of holes, and continue writing (up to 28 lines).

1-00060-01.....\$115.00

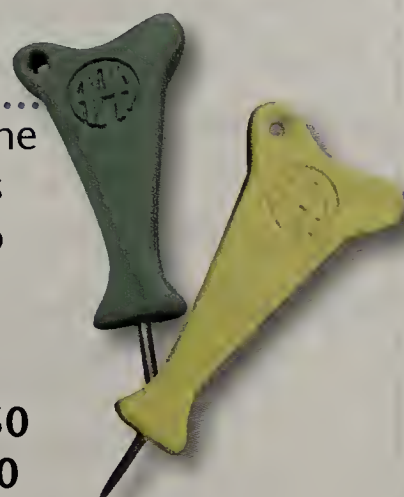
Flat Stylus

This thin stylus can be easily kept in the pocket of a notebook or binder and is flat to prevent rolling. It comes in two color-coded sizes.

Flat Stylus:

Large Yellow: 1-00121-00.....\$2.50

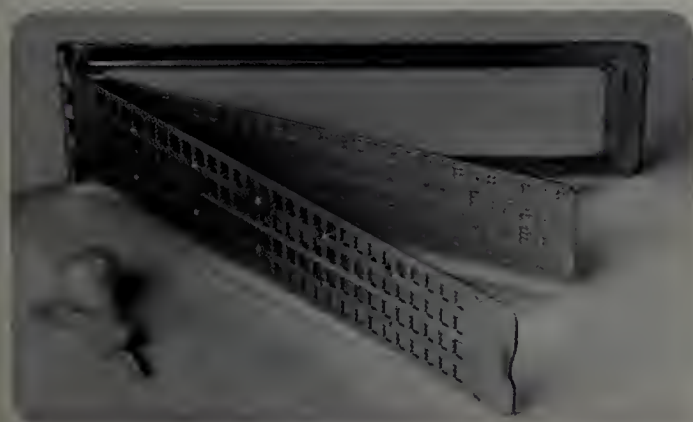
Small Green: 1-00122-00.....\$2.50



Brown Slate & Stylus

Can be opened to allow for reading the braille without removing paper from the frame. Lightweight metal slate has 28 cells per line and measures 8 3/8 x 2 1/4 inches.

1-00170-00.....\$108.00

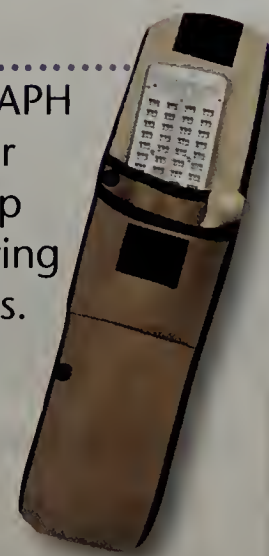


SlateHolder

Rugged vinyl carrying case will hold any APH slate. Second pocket holds two styluses or wooden erasers. Flap seals with hook/loop material. Belt loop and holes that fit a 3-ring binder. Measures approx. 3 1/2 x 9 inches.

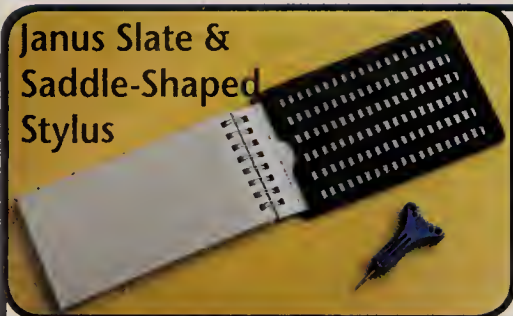
Slates and styluses sold separately.

1-00082-00.....\$11.00



See MiniBook Braille Quick-Note Products on pg. 161.

Janus Slate &
Saddle-Shaped
Stylus



Slates, Styluses, and Erasers Chart

Description (Stylus)	Size (Inches)	Catalog No.	Price
----------------------	---------------	-------------	-------

Braille Slates

Lightweight Aluminum.....	28 Cell, 4 Lines, Pins Down (S).....	1-00084-00.....	\$12.00
.....	19 Cell, 6 Lines, Pins Down (F).....	1-00083-00.....	\$12.00

Note: The above two slates are NOT available for purchase with Quota funds.

All other APH slates below ARE available with Quota funds.

4x6 Interpoint.....	21 Cell, 9 Lines, Plastic (S).....	6 1/2 x 4	1-00088-00.....	\$25.00	
Janus Interline.....	19 Cell, 11 Lines, Plastic (S)	5 1/2 x 3 1/2	1-00050-00	\$5.00	
Desk.....	27 Cell, Durable Plastic (L)	7 x 12 1/4.....	1-00060-01	\$115.00	
Brown.....	28 Cell, Lightweight Metal (L).....	8 3/8 x 2 1/4	1-00170-00.....	\$108.00	
Interpoint..... Pins Up	28 Cell, Lightweight Metal (L)				
	Slotted for Labeling Tape	8 1/4 x 1 3/4	1-00081-01.....	\$74.00	
Pocket Slate.... Pins Down	28 Cell, Lightweight Metal (L).....	8 1/4 x 1 3/4	1-00090-00	\$99.00	
	Pins Up	28 Cell, Black Plastic (L).....	8 1/4 x 1 3/4	1-00080-00	\$10.00
	Pins Up	28 Cell, 4 Lines, Clear Plastic (L)...	8 1/4 x 1 3/4	1-00078-00	\$8.00
	Pins Up	28 Cell, Heavyweight Metal (L)			
	Slotted for Labeling Tape	8 1/4 x 1 3/4	1-00160-00	\$69.00	

Braille Styluses (all have a metal point)

Large Handle.....	Wooden, Side of Handle is Flat	2 3/8 x 7/8	1-00200-00	\$2.50
Small Handle	Wooden	1 7/8 x 3/4	1-00220-00	\$2.50
Saddle-Shaped	Plastic, Concave Dip in Handle	2 5/8 x 1 1/4	1-00120-00.....	\$2.50
Large Yellow Flat.....	Fits in notebook		1-00121-00.....	\$2.50
Small Green Flat.....	Fits in notebook		1-00122-00.....	\$2.50

Braille Erasers

Wooden.....	2 1/2 long.....	1-00270-00	\$3.00	
Plastic	One Broad, One Narrow End.....	5 long.....	1-00280-00	\$3.00

Stylus Key for Slates:

L - Large Handle

S - Saddle

F - Flat

New!

Tactile Graphic Line Slate



.....
specially designed two-ended stylus accommodate the tooling of common tactile line types for creation of tactile graphic displays by transcribers, teachers, and students. Use this lightweight slate to embellish tactile maps, graphs, charts, number lines, etc., with the following line types:

- Large dotted line
- Wide solid line
- Thin solid line
- Small dotted line
- Dashed line
- Vertical bar line

Combinations of the available lines also generate unique, discernible line paths (e.g., dot-dash-dot). The pointed end of the stylus is used to tool the small dotted line, dashed line, thin solid line, and vertical bar line; the rounded end of the stylus is ideal for tooling the wide solid line and large dotted line.



Example: raised lines tooled on vinyl using the Tactile Graphic Line Slate.

The Tactile Graphic Line Slate mimics the design and function of a typical braille slate, making its use intuitive and user-friendly. Its blue-tinted transparent plastic allows both visual contrast against the drawing surface/paper, and ideal positioning of lines in relation to surrounding tactile elements on the page.

The accompanying Instruction Booklet provides tips and techniques for using the Tactile Graphic Line Slate with various types of drawing media (braille paper, vinyl, heavy-gauge foil, and drawing film).

Includes

- Tactile Graphic Line Slate
- Two-ended Stylus
- Storage Pocket (for both slate and stylus)
- Instruction Booklet in Large Print and in Braille

Measures: 12 x 2 1/2 inches.

Recommended ages: 10 years and up.

Tactile Graphic Line Slate: 1-00100-00.....\$41.00



FREE Downloadable Manuals For Selected APH Products

Selected APH products have manuals available for free-of-charge download. You are allowed to print or emboss these manuals as needed!

Look for the yellow & black book download icon throughout this catalog. Future manuals added to our download web page will be announced in the *APH News*.

APH will continue to package hard copies of these manuals with their products and sell hard copy replacements. We do not keep these manuals in stock, but make them on demand as orders are placed; therefore, please allow several weeks for delivery.

www.aph.org/manuals/



APH SMART Braille by Perkins

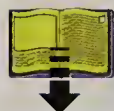
This mechanical braille has a built-in screen and speaker that provides immediate feedback to a child or adult who is learning braille via text-to-speech and a screen that displays SimBraille and large print of what is brailled in uncontracted or contracted braille. This audio and visual feedback also provides access to someone who does not know braille, including parents, peers, and general education teachers.

The APH SMART Braille by Perkins accommodates 8 1/2 x 11 inch paper and embosses up to 25 lines of 28 cells.

Recommended ages: 3 years and up.



Note: Young children should be supervised during exploration and pre-braille activities.



The SMART Braille Manual is available as a free download in accessible formats from the APH website: www.aph.org/manuals/

APH SMART Braille by Perkins: 1-00820-00.....\$1,995.00 + shipping

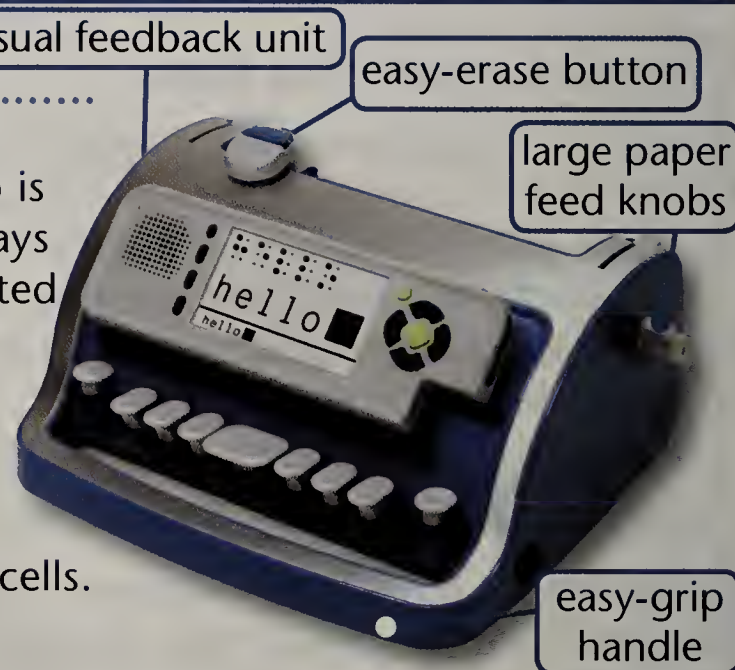
Note: The APH SMART Braille by Perkins is available with Quota funds.

Replacement Items

Power Adapter: 1-00821-00.....\$19.00

Rechargeable Battery, Lithium-ion: 1-00822-00.....\$20.00

The SMART Braille was developed by Perkins Products and Product Development Technologies (PDT) in partnership with the American Printing House for the Blind. Acapela Text to Speech and voices used in the braille are provided by Acapela Group, and contracted braille translation is provided by Duxbury Systems.



SHIPPING CHARGE

All shipments will incur actual UPS shipping rates based on the destination.

APH Light-Touch Perkins Braille

This manual braille keeps all of the great features of the classic Perkins Braille with extra features.

Some features

- Emboss paper up to 11 1/2 wide x 14 inches long
- Emboss 25 lines of up to 42 cells when using 11 1/2 x 11 inch paper
- Tough aluminum frame
- Measures approx. 13.7 W x 9.2 D x 5.7 H
- Weight: 10 lbs.

Recommended ages: 3 years and up.

APH Light-Touch Perkins Braille: 1-00815-00.....\$730.00

Note: This manual braille IS available with Quota funds.

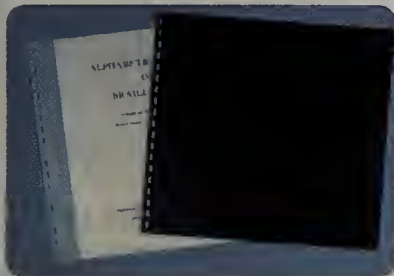


Note: Young children should be supervised during exploration and pre-braille activities.

Mailing Envelopes for Braille

Designed for mailing or storing brailled sheets up to 11 1/2 x 11 inches. White, blank envelopes with self-sealing flaps. Measure 12 1/2 x 12 1/2 inches. Will hold approximately 30 sheets. 25-pk.

1-04230-00.....\$6.00



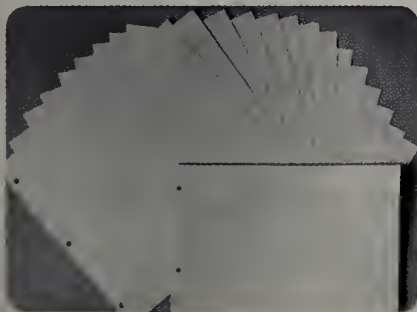
Covers for Braille Documents

Plastic covers measure 11 3/4 x 11 inches and are designed to bind 11 1/2 x 11 inch braille pages. May be bound with a 19-ring comb binding or twin loop binding. Will bind tractor-feed or manila 19-hole papers available from APH.

Covers:

Royal Blue: 1-04010-01.....\$3.00/pr

Clear Frosted: 1-04010-02.....\$3.00/pr



Dividers for Braille Notebooks, 3-Hole Punch

Dividers will fit the Azure Blue or the

White 3-Ring Braille Notebooks. Are a heavy manila stock with an extra 1/2 inch edge that can be brailled with the subject of the division. 15 dividers per pack.

9 x 11 inches (for Azure Blue Notebook): 1-04225-00.....\$3.50

12 x 11 inches (for White Notebook): 1-04226-00.....\$3.50

QuickBraille Kit

Consists of a six-line by 19-cell slate, ten 6-section sheets of perforated fanfold paper, and APH's Large Flat Stylus housed in a pocket pouch.

Load one perforated section into the slate and put it in the pocket pouch ready for use in an instant to jot down telephone numbers, reminders, directions, etc.

QuickBraille Kit:

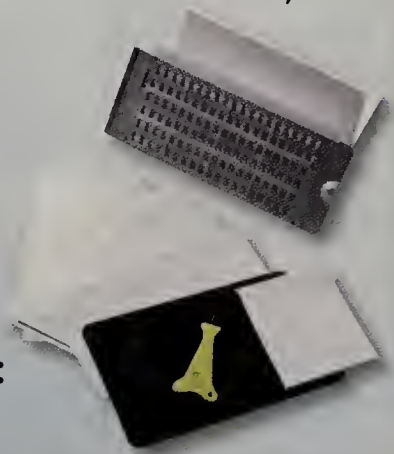
1-00086-00.....\$19.00

Replacement Item:

Accordion Paper Refill

(10 sheets of 6 notes ea.):

1-00086-01.....\$4.00



Braille Notebooks, 3-Ring

Two popular sizes. Made of heavy-duty board covered with vinyl. Holds approximately 100 sheets of braille paper.

Azure Blue, for 8 1/2 x 11 inch braille paper:

1-04320-00.....\$13.00

Note: Azure Blue Notebook is *Not available with Quota funds.*

White, for 11 1/2 x 11 inch braille paper:

1-04380-00.....\$9.00



There's Always a Sale at APH!

Find our quarterly sale items toward the bottom right of our shopping home page at **shop.aph.org**

Look for the announcement of our new sale items in the *APH News* in January, April, July, and October.

ON SALE!



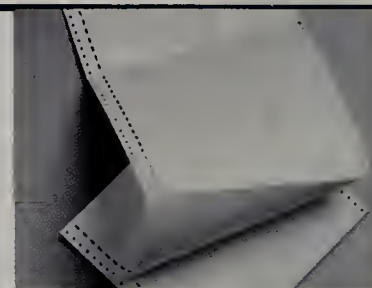
Save on a Variety of APH Products

- Technology
- Braille Books
- Games
- Videos

Braille Paper Chart

APH offers a wide array of braille paper for use with slates, braillewriters, computer braille embossers, and vacuum-form machines.

Note: All sheet quantities are approximate; all sizes are in inches.



White Braille Paper

This 80# paper is for use with braille slates and brailers.

3 3/4 x 5 3/4.....6-Hole Punch, 250 sheets (Fits in Pocket Notebook).....	1-04390-00.....	\$5.00
8 1/2 x 11.....Unpunched, 200 sheets (All 28-Cell Slates)	1-04151-00	\$6.00
3-Hole Punch, 150 sheets	1-04401-00.....	\$5.00
11 1/2 x 11.....Unpunched, 150 sheets (38 or 41-Cell Slate/brailer)	1-04221-00	\$6.00
3-Hole Punch, 110 sheets.....	1-04471-00.....	\$5.00

White Fanfold Tractor-Feed Braille Transcribing Paper

This low dust paper is designed to be used with computer-driven braille embossing devices. It has a smooth surface. Tractor-feed holes may be torn off. 90# paper.

8 1/2 x 11.....Unpunched, 500 sheets	1-04137-01	\$24.50
Both 3-Hole and 19-Hole Punch, 500 sheets	1-04138-01	\$26.00
11 1/2 x 11.....Unpunched, 1000 sheets	1-04139-01	\$50.00
Both 3-Hole and 19-Hole Punch, 1000 sheets	1-04140-01	\$50.00

Manila Braille Transcribing Paper

Heavyweight 100# paper, for use with slates and braillewriters, holds dots well and can be used to create braille masters for vacuum-form machines.

8 1/2 x 11.....Unpunched, 500 sheets	1-04530-00.....	\$20.00
3-Hole Punch, 500 sheets	1-04660-00	\$20.00
11 1/2 x 11.....Unpunched, 500 sheets	1-04540-00 ...	\$22.00
3-Hole Punch, 500 sheets	1-04680-00	\$24.00
19-Hole Punch, 500 sheets	1-04650-00.....	\$25.00

PermaBraille Sheets

This waterproof and tear-resistant paper provides a durable alternative to standard braille paper. Each package contains 50 sheets.

5 x 3: 1-08881-00.....\$9.00	6 x 4, 2-hole drilled (for APH's Braille DateBook): 1-08882-00.....\$10.00
5.75 x 3.75, 6-hole punched (for APH's Pocket Sized Notebook): 1-08886-00.....\$11.00	8.5 x 11: 1-08884-00.....\$14.00
6 x 4: 1-08883-00.....\$13.00	11.5 x 11: 1-08885-00.....\$24.00

Brailon® Paper

A plastic-like paper developed specifically for use with Thermoform machines. Brailon paper has a slightly matte surface, is non-toxic, moisture-proof, and classroom safe.

11 1/2 x 11.....19-Hole Punch, 500 sheets, regular weight	1-04630-00....	\$60.00
---	----------------	---------

Bold Print Paper

Makes it easier for users with low vision to complete written tasks.

Note: All sheet quantities below are approximate; all sizes are in inches.

Boldline Spiral Notebook

Looks like the type all students carry, but with bold line paper. 100 sheets of 8 1/2 x 11 inch paper, with 9/16 inch line space. Blue marble cover.

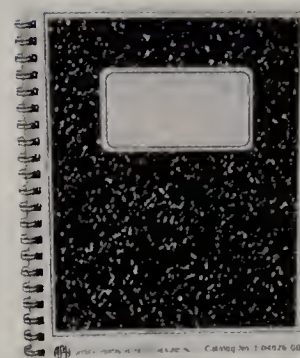
1-04825-00.....\$6.00



Collegiate Boldline Spiral Notebook

This notebook has more closely spaced bold lines than the Boldline Spiral Notebook. Has 75 sheets of 8 1/2 x 11 inch paper, with 7/16 inch line space. Black marble cover.

1-04826-00.....\$6.00



Bold Line Notebook Paper

Has black lines printed on white paper with a left-hand margin. Two styles: in a pad with no punching or in loose sheets punched for a 3-ring binder.

Padded:

8 1/2 x 11 7/16 inch line spacing, Unpunched, 500 sheets 1-04791-00 \$17.00

9/16 inch line spacing, Unpunched, 500 sheets 1-04801-00 \$17.00

Loose Sheets:

8 1/2 x 11 7/16 inch line spacing, 3-Hole Punch, 500 sheets 1-04851-00 \$17.00

9/16 inch line spacing, 3-Hole Punch, 500 sheets 1-04861-00 \$17.00

Green-Lined Writing Paper for Primary Students

Off-white paper printed with bold green lines. 300 sheets per package.

8 1/2 x 11 3/4 inch lines, Unpunched 1-04831-00 \$15.00

3/4 inch lines, 3-Hole Punch 1-04869-00 \$15.00

7/16 inch lines, 3-Hole Punch 1-04872-00 \$16.00

11 x 8 1/2 3/4 inch lines, Unpunched 1-04841-00 \$17.00

3/4 inch lines, 3-Hole Punch 1-04881-00 \$22.00



Bold Line Letter-Writing Paper

This paper has bold, black lines printed on white paper without margin. 500 unpunched sheets per pad. 8 1/2 x 11 inch paper.

Bold Line Letter-Writing Paper:

7/16 inch line spacing: 1-04811-00.....\$17.00

9/16 inch line spacing: 1-04821-00.....\$17.00

Antique Ivory Opaque Paper

Ivory colored, unlined paper for good contrast – great for photocopying large print documents. 500 sheets per package.

Antique Ivory Opaque Paper:

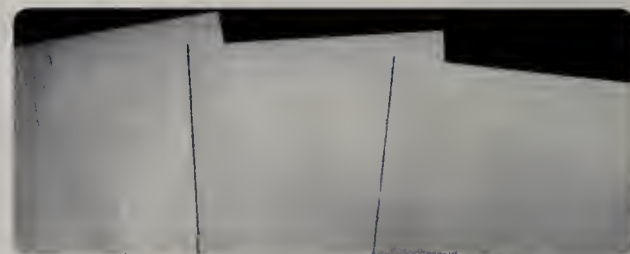
8 1/2 x 11 inches: 1-04500-01.....\$16.00

11 x 14 inches: 1-04500-05.....\$23.00

11 x 17 inches: 1-04500-00.....\$25.00

Low-Relief Embossed Graph Sheets

Great for teachers and transcribers to use in making charts and graphs. Grid is embossed on 11 1/2 x 11 inch, 80# braille paper with margins. Available in five varieties; 25 sheets per package.



Squares	Grid	
0.4 inch	19 x 19	1-04046-00 \$5.45
1/2 inch	17 x 16	1-04047-00 \$5.45
5/8 inch	13 x 12	1-04048-00 \$5.45

Squares	Grid	
3/4 inch	11 x 10	1-04049-00 \$5.45
1/2 inch	20 x 20	1-04045-00 \$8.00
with X-Y axis		

Bold-Line Tactile Graph Sheets

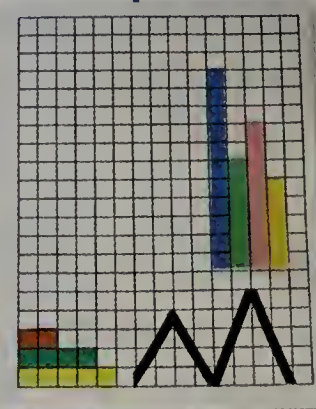
These graph sheets combine tactile and print, which expand APH's graph sheet collection previously available only in embossed paper or print-only packages. Label and embellish the graph sheets using a variety of methods (e.g. braillewriter, line-embossing tools, tactile stickers, graphic art tape, etc.).

Includes:

- 50-pk. Bold-Line Tactile Graph Sheets, 1/2 inch squares in a 15 x 20 inch grid for bar graphs on 100 lb. text stock

Bold-Line Tactile Graph Sheets: 1-04080-00.....\$23.00

Example uses



*Feel 'n Peel
Sheets:
Carousel
of Textures
1-08863-00*

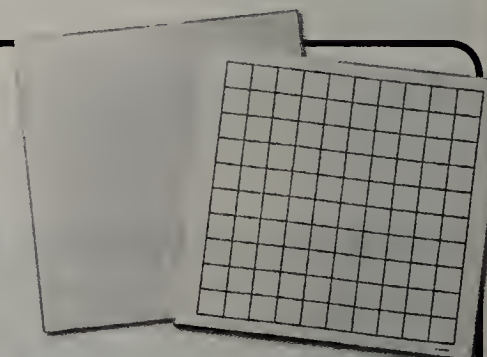
*Graphic
Art Tape
1-08878-00*

*Feel 'n Peel Stickers: Point
Symbols II 1-08868-00*

Graph Sheets

Bold-line graph sheets have thick unit lines and thinner sub-unit lines. *100 sheets per package.*

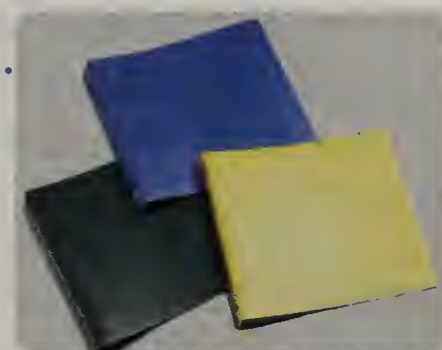
Embossed graph sheets have braille dot grids on manila paper.
Embossed graph sheets have 50 sheets per package.



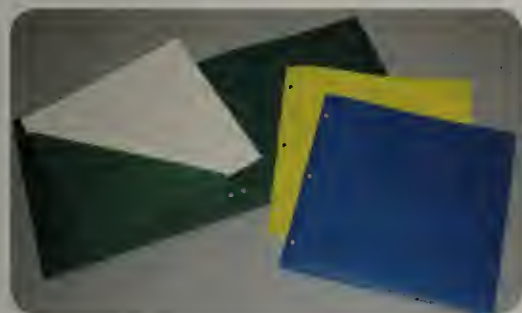
Squares	Grid	Details	Bold-Line	Price	Embossed	Price
8 1/2 x 11:						
1/4 inch	31 x 40		1-04062-00	\$23.00		NA
1/2 inch	15 x 20	Coordinate Axes	1-04061-00	\$23.00	1-04052-00	\$10.00
1/2 inch	15 x 20	For Bar Graphs	1-04063-00	\$23.00	1-04053-00	\$10.00
3/4 inch	10 x 13		1-04064-00	\$23.00	1-04054-00	\$10.00
1 inch	7 x 10		1-04065-00	\$23.00	1-04055-00	\$10.00
11 1/2 x 11:						
1/2 inch	19 x 20		1-04067-00	\$24.00	1-04056-00	\$10.00
1/2 inch	18 x 21	1 inch margin on 3 sides	NA	NA	1-04059-00	\$10.00
3/4 inch	13 x 13		NA	NA	1-04057-00	\$10.00
1 inch	10 x 10		1-04069-00	\$23.00	1-04058-00	\$10.00

Floppy Braille Binders

Durable plastic 3-ring binder designed to hold 11 1/2 x 11 inch braille sheets. Flexes to fit easily into a backpack. Has an inside pocket. Includes 3 binders, 1 each: green, blue, yellow.



Floppy Braille Binders: 1-04295-00.....\$16.00



Braille Pocket Folders

Will hold 11 1/2 x 11 inch braille sheets. Has slant-cut pockets. Punched for 3-ring binder. Made of durable, flexible plastic. Includes three folders, 1 each: green, blue, and yellow.

Braille Pocket Folders: 1-04294-00.....\$15.00

New! Plastic Binder Envelopes for Braille

These envelopes have a side tab that is 3-hole punched for use in a 3-ring binder and a flap that opens from the top and is held closed using three hook & loop coins. The envelopes can expand to over 5/8 inches thick and can accommodate up to 20+ sheets of braille.

Each set includes 3 folders (1 ea. of blue, green, and yellow).

Plastic Binder Envelopes for Braille

(set of 3 different colors): 1-04297-00.....\$29.00



hook & loop closure

Super-Sized Folders

These folders are made of a semi-rigid polyblend plastic. They measure 12 x 11 1/4 inches with a depth of 3/4 inches, allowing full 11 1/2 x 11 inch braille sheets to fit.

A part of the braille page remains uncovered so that the contents of each folder can be quickly scanned.

Super-Sized Folders

(set of 3 different colors): 1-04296-01.....\$15.00



American Printing House
for the Blind ~ *Shopping*



Ordering for U.S. Customers: shop.aph.org

Pocket-Size Notebook, 6-Ring

Bound in imitation leather. Will hold approximately 50 sheets of 3 3/4 x 5 3/4 inch braille or bold line paper (*not included*). Has a pocket designed to hold a slate and a cloth page marking strip. Stylus can be tied to the cloth strip. Tabs make this notebook an organizer (sold separately).

Pocket-Size Notebook: 1-04280-00.....\$13.00

Optional Items:

Braille Paper for Pocket Notebook

(approx. 250 sheets): 1-04390-00.....\$5.00

Bold Line Paper for Pocket Notebook

(approx. 250 sheets): 1-04392-00.....\$9.00

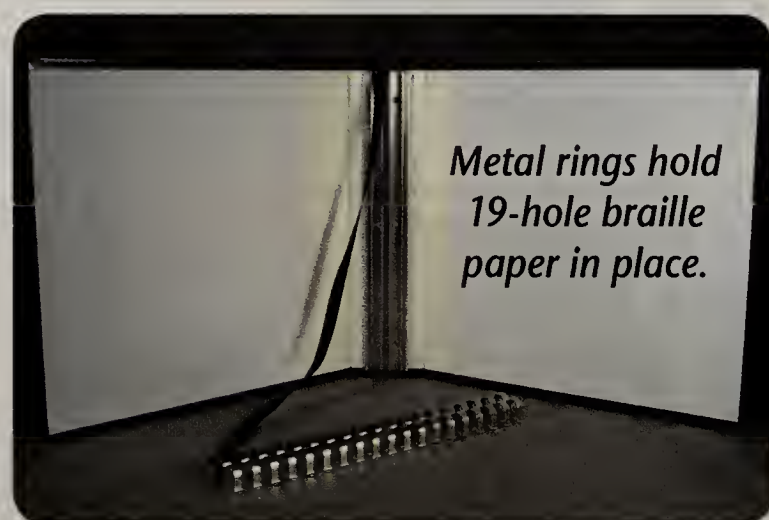
Pocket Notebook Tabs (2 sets of tab pages,

3-cut tabs): 1-04389-00.....\$8.00



Slate and stylus sold separately.

For low vision users too! An ideal pocket-sized organizer, when used with the Boldline filler paper and Pocket Notebook Tabs. Use the cloth strip to mark your place.



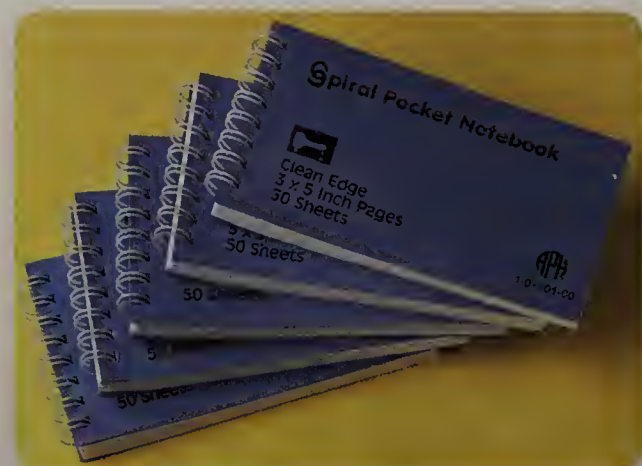
Metal rings hold 19-hole braille paper in place.

Krebs' Binder, 19-Ring

Made of heavy-duty board covered with imitation leather. Holds 11 1/2 x 11 inch 19-hole punched braille paper. Binder ring assembly consists of a metal back plate, metal rings, and a locking pin.

Krebs' Binder, 105 sheet capacity:

1-04260-00.....\$35.00



Spiral Pocket Notebook

Each notebook contains 50 pages of 80 pound white braille paper. Spiral binding makes it easy to handle.

Notebook measures 3 x 5 1/2 inches. Sheets are perforated and measure 3 x 5 inches when removed. Works easily with APH's Janus Slate. Six notebooks per package.

Spiral Pocket Notebook:

1-04301-00.....\$23.00



Related Item:

Janus Slate and Saddle-Shaped Stylus: 1-00050-00.....\$5.00

All-In-One Board (Magnetic/Velcro/Dry Erase)

This multi-platform, easily-adjustable board from APH can be used in combination with either hook-Velcro® accessories or magnetic pieces (homemade, obtained from APH, or purchased commercially), as well as with dry erase markers to facilitate a variety of learning activities. Board can be positioned at a variety of angles. For classroom use with students of all ages. Surface of board is 23 9/16 x 14 inches.

Includes

- All-in-One Board
- Starter package of dry erase markers
- Protective storage and carrying case

All-in-One Board: 1-08836-00.....\$153.00

*Dry Erase/
Magnetic side*

*Velcro side (tactile
pieces not included)*



Storage/Carrying Case

All-In-One Board: Student Model

Sometimes called the smAll-In-One Board, this handy, smaller multi-platform, adjustable board can be used in combination with either hook-Velcro® accessories or magnetic pieces (homemade, obtained from APH, or purchased commercially), as well as with dry erase markers to facilitate a variety of learning activities. The smaller size accommodates portability and desktop use by an individual student with visual impairment and blindness.

Includes

- All-In-One Board: Student Model
- Product information sheet, print and braille
- Starter package of dry erase markers
- Protective storage and carrying case

Surface of board measures 13 1/2 x 10 3/4 inches.

All-in-One Board: Student Model: 1-08833-00.....\$127.00

*Dry Erase/Magnetic side
(magnetic pieces
not included)*

*Velcro side
(tactile pieces not included)*



American Printing House
for the Blind ~ Shopping



Ordering for U.S. Customers: shop.aph.org

Expanded Core Curriculum: Visual Efficiency and Low Vision

Visual Efficiency Skills

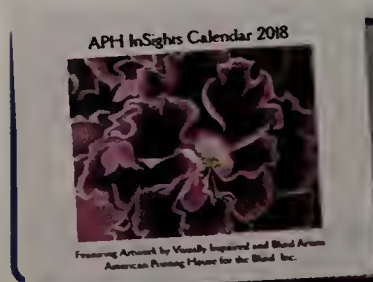
The visual acuity of children diagnosed as visually impaired varies greatly. With thorough, systematic training, most students with functional vision can learn to use their remaining vision better and more efficiently. Educational responsibility for performing a functional vision assessment, planning appropriate learning activities for effective visual use, and teaching students to use their functional vision effectively and efficiently falls to the professionally prepared teacher of visually impaired learners.

Section Index

APHont: A Font for Low Vision	134	Rollbuster II.....	124
Armadillo Army Software	137	Seated Parquetry Set.....	128
Bright Line Reading Guide.....	127	NEW! Spinner Overlays for Light Box	129
CVI Complexity Sequences	135	Swirly Mat Sets	133
CVI Perspectives Video.....	134	NEW! Swirly Mats II	133
Digital Light Box Artwork.....	134	<i>Teach Me to See</i> Video	124
ENVISION I and II	125	<i>Teen Scene: Portraits of Success</i> Video.....	124
Individual Study Screen.....	123	Termite Torpedo Software.....	137
Invisiboard and Tic-Tac-Toe Accessory Kit.....	128	Toodle Tiles Software	137
Light Box and Mini-Lite Box	130	Tri-fold Board.....	128
Materials and Separate Sets	130-132	UltraLenses	127
Lighting Guide Kit and Video	136	Variable Beam Flashlight Kit.....	124
Match Sticks	127	NEW! Video Mag HD handheld video magnifier.....	126
Materials on Utilization of Low Vision	128	VisioBook.....	123
		NEW! Carry Bag	123

Visual Efficiency and Low Vision Related Products

Bold Line Paper.....	116-117	Reading Stands	98-99
EZ Track Organizational Products	165	Sensory Learning Kit (SLK)	27
Fine Motor Development Materials	29	Talking Calculator	166
<i>Functional Vision</i> Video	15		



APH offers the APH InSights Large Print/Braille Art Calendar in the "Special Touch" Gift Section.

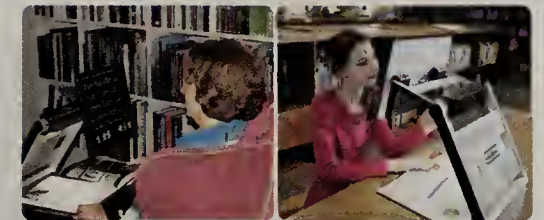
See pg. 182

VisioBook

Portable Electronic Magnifier and Distance Viewer



Use your portable VisioBook everywhere!



at work/home

in the library



while traveling

at school

VisioBook® is a high quality, full-color reading device for visually impaired users of all ages.

A Few Features

- 12-inch HD full-color widescreen monitor with LED-backlight
- Smart folding mechanism with 3 safe articulated joints
- Viewing modes: 5 reversible color combinations, full natural colors
- HD camera for both close range and distance views
- External power adapter/battery charger
- Lithium-ion battery, 5+ hrs. operating time

VisioBook: 1-03913-00.....\$2,750.00 + shipping

Note: VisioBook IS available with Quota funds.

SHIPPING CHARGE

All shipments will incur actual UPS shipping rates based on the destination. Not eligible for Free Matter shipping.

Optional Item:

New!

VisioBook Carry Bag

This handy, padded carry bag with zipper pockets makes it easier to take your VisioBook from class to class, from home to office, or wherever you use the versatile VisioBook Magnifier!

Features

- Two heavy duty carry handles
- Adjustable shoulder strap with rubber cushion
- Interior storage pocket, 14.5 x 8 inches
- Zippered exterior storage pocket with keyfob latch, 9.5 x 15 inches
- Black bag with three bright orange zipper pulls

Bright orange zipper pulls for better contrast



Bag measures: 14.5 x 12.5 x 2 inches. Made in the U.S.A.

VisioBook Carry Bag: 1-03937-00.....\$54.00

Note: The VisioBook continues to include a protective sleeve. It will not fit in the optional Carry Bag while it is in the included sleeve.

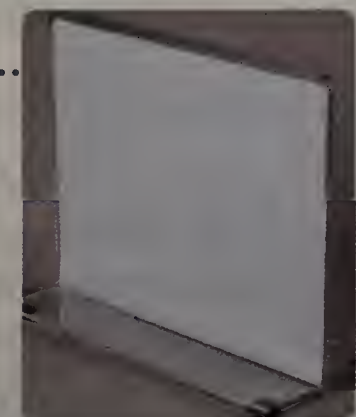
Individual Study Screen (ISS)

Allows low vision students to view films and slides close up.

A rear-projection technique is used to enable one student to get as close to the screen as he/she requires. Constructed of tough plastic, screen measures 13 x 10.5 inches. Image is projected on a frosted plastic insert.

Recommended ages: 6 years and up.

Individual Study Screen: 1-03300-00.....\$22.00

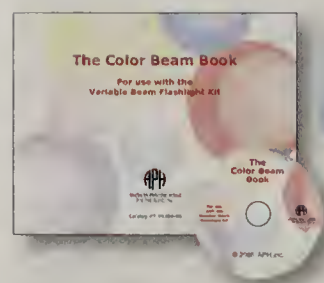


VISUAL EFFICIENCY AND LOW VISION

Variable Beam Flashlight Kit

Designed to help students develop visual awareness and tracking skills. The included *Color Beam Book* contains instructions and suggested activities.

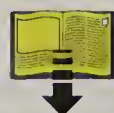
Includes two variable beam flashlights, two sets of five translucent and four transparent color lenses, *The Color Beam Book*, Large Print, and AAA batteries.



Variable Beam Flashlight Kit:
1-08390-02.....\$66.00



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without adult supervision.



Optional: Color Beam Book w/CD, Braille: 5-08390-00.....\$25.00

Replacement: Color Beam Book w/CD, LP: 7-08390-00.....\$10.50

RollBuster II



*Pen shows size of
RollBuster II mini-bags.*

Keep monoculars in reach during classroom activities, while protecting them from rolling. RollBuster II mini-bags also provide some impact protection. Comes in two kid-friendly styles. The **Mini-Duffel Bag** fits monoculars up to 4 inches in length and up to 1 1/2 inches in diameter. The **Mini-Backpack** fits monoculars up to 5 inches in length and up to 1 3/4 inches in diameter or a monocular which is oval or irregular in shape.

RollBuster II

Mini-Backpack: 1-03196-00.....\$7.00

Mini-Duffel Bag: 1-03197-00.....\$6.00

Teach Me to See

Teach Me to See gives practitioners guidance on developing and carrying out activities that are functional and have meaning to each child. Listen to experienced teachers talk about orientation & mobility skills, immersive learning, visual development, and choice-making for their young students.

Teach Me to See consists of four videos on one DVD:

Instructional
Program

Visual Skills

Methodology

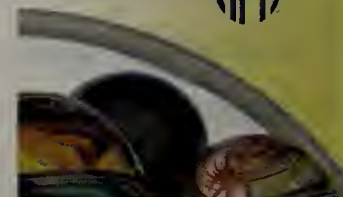
Activities and
Outcomes

Approx. 68 minutes, closed captioned and subtitles

Teach Me to See DVD: 1-30044-DVD.....\$10.00

Teach Me To See

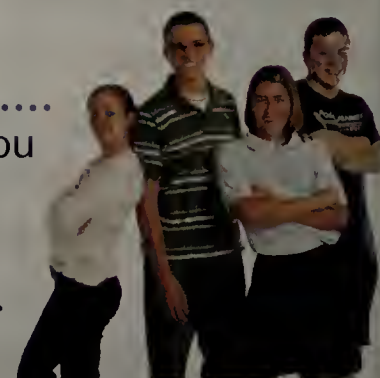
By Amanda Hall-Lueck, Ph.D.
and Toni Heinze, Ph.D.



Teen Scene: Portraits of Success Video

Starring four Kentucky teenagers with low vision, this 39-minute video will make you laugh, warm your heart, and make you feel as though you know these teens! It's all about being successful, self-advocating, dating, playing sports, or achieving in school or on the job. Our four stars will show you how it's done. Closed captioned.

Teen Scene Video: 1-30011-DVD.....\$25.00



VISUAL EFFICIENCY AND LOW VISION

PARTS ENVISION

The ENVISION training program uses stories and activities about Emmy the Emu and other high-interest characters to teach students to use optical devices. It covers skills such as tracing, tracking, and scanning, and includes enrichment activities and objectives for each lesson, as well as reports to the clinician.

There are two separate ENVISION programs, with each further divided into materials for younger and older students.



- **ENVISION I for Distance Devices** – simulates standard street signs, addresses, international symbols, and familiar objects.

- **ENVISION II for Near Magnification Devices** – simulates graphics and print used in textbooks and literature.

ENVISION I with Telescope
Array: 1-08551-00.....\$744.00

ENVISION II with Magnifier
Array: 1-08552-00.....\$599.00

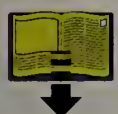


Optional Items:

Braille Teacher's Instruction Manuals:



ENVISION I, 10 and younger:
5-08551-01.....\$33.00



ENVISION I, 11 and older:
5-08551-02.....\$28.00



ENVISION II, 10 and younger:
5-08552-01.....\$45.00



ENVISION II, 11 and older:
5-08552-02.....\$34.00

Replacement Items:

Print Teachers' Instruction Manuals:



ENVISION I, 10 and younger: 7-08551-01.....\$36.00

ENVISION I, 11 and older: 7-08551-02.....\$29.00



ENVISION II, 10 and younger: 7-08552-01.....\$37.00

ENVISION II, 11 and older: 7-08552-02.....\$37.00

Consumable Materials Packet (ENVISION I & II): 1-08551-01.....\$53.00

ENVISION II Comic Book (set of five): 7-08552-05.....\$18.00

ENVISION II Student Activity Binder:

10 and younger: 7-08552-03.....\$59.00

11 and older: 7-08552-04.....\$59.00



VISUAL EFFICIENCY AND LOW VISION

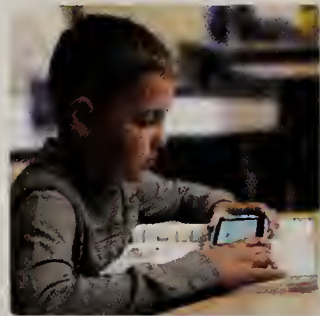
New!

Video Mag HD handheld video magnifier

American Printing House for the Blind and Freedom Scientific have partnered to develop the **Video Mag HD**, a durable, kid-friendly handheld high definition video magnifier available using Federal Quota funds!

About Video Mag HD

Video Mag HD combines a high-definition camera with a rugged, lightweight body to bring you crystal-clear images in a small package. It can magnify whatever appears under its auto-focus HD camera from 2x to 13x. Video Mag HD provides sharp images on its full-color, 4.3-inch LCD screen. It supports five default color modes and 15 additional contrasting color modes.



This magnifier has a fold-away handle that has been ergonomically improved to fit the smaller hands of students. It allows the user to hold the magnifier close to an object, press the magnification buttons for continuous zoom (2x to 13x with the handle open, or 4x to 10x with the handle closed), and then freeze the image on the screen. This is ideal for viewing clothing labels, prescription labels, price tags, receipts, business cards, and more.

Features

- Continuous zoom with 2x–13x magnification
- Full-color LCD screen, 4.3 inches diagonally
- Fast reading with no blur
- 20 high-contrast customizable color modes
- Auto shut-off after no use
- Image capture, approximately 80 images
- Ergonomic, fold-away handle
- Lightweight, portable – carry to classes

Includes

- Video Mag HD handheld video magnifier
- Carry case with strap
- 4 AAA standard NiMh rechargeable batteries
- Power adapter
- USB cord
- User guide
- One-year limited warranty

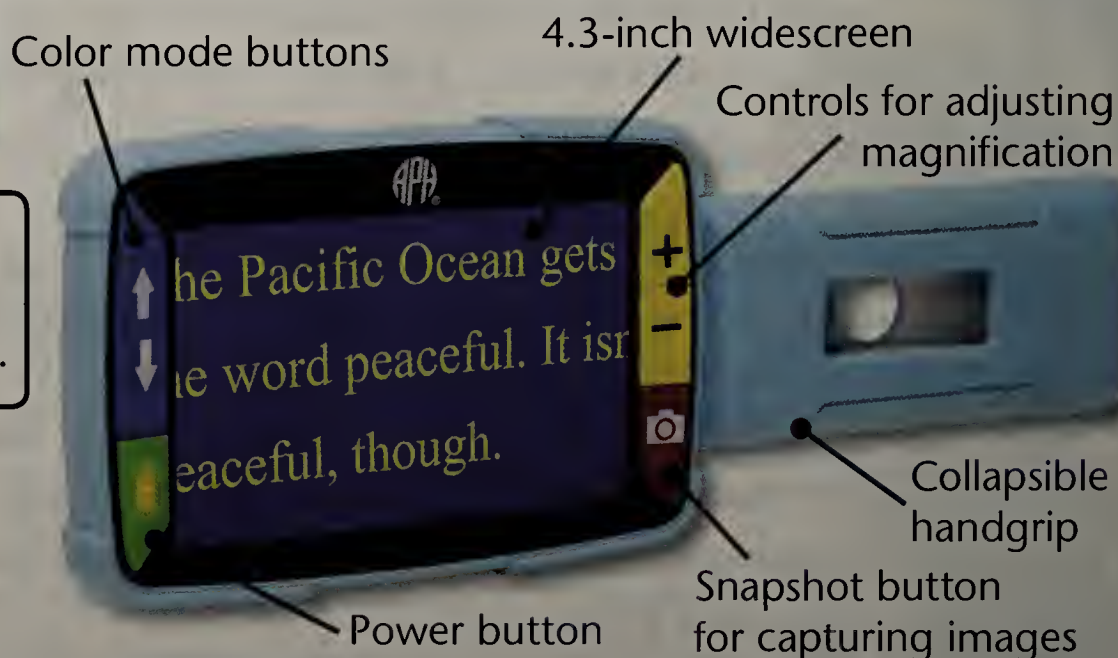
The Video Mag HD is distributed only through APH in the U.S. and Canada. *Available with Federal Quota funds!*

Video Mag HD:

1-03914-00.....\$499.00 + shipping

ADDITIONAL SHIPPING CHARGE

All shipments will incur actual UPS shipping rates based on the destination.

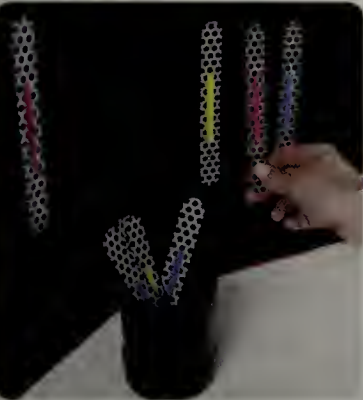


APH would like to acknowledge our friends from Brandeis Elementary School in Louisville, KY for their work in developing this product.

Match Sticks

Guidelines for Use

A game for players with low vision including those with cortical visual impairment (CVI)



Match Sticks

The Match Sticks game is designed to provide children in Phases II and III of the CVI Range Assessment* with a matching activity that is fun and entertaining and that helps develop vision skills.

Use the following APH products to play with and display Match Sticks:

- All-In-One Board
- All-In-One Board Student Model
- Invisiboard
- Tri-fold Board
- Felt Board
- Small black Work-Play Tray
- Small yellow Work-Play Tray
- Large black Work-Play Tray
- Large Yellow Work-Play Tray

Recommended ages: 5 years and up.

Match Sticks: 1-08157-00.....\$99.00

Phase II

Phase III

Phase II
Advanced



*Roman-Lantzy, C. (©2007). *Cortical Visual Impairment: An Approach to Assessment and Intervention*. American Foundation for the Blind Press.

Bright Line Reading Guide

Place over text to highlight, eliminate glare, and promote maximum contrast. The guide provides a black reference line that helps the reader keep his or her place on the page. Bright Line Reading Guide is 10 inches long, but can be cut to any size and three-hole punched for placement in a binder. Each pink or yellow guide comes in a vinyl protective pouch.

Bright Line Reading Guide

Yellow (2-pk.): 1-03060-00.....\$10.00

Pink (2-pk.): 1-03061-00.....\$10.00



UltraLens

Black lights, which generate both UV and blue light, are sometimes used in vision development activities. UltraLens glasses screen out 100% of UV and blue light while still allowing the wearer to see the "glow" of materials as they fluoresce. A soft case is included with each UltraLens.

Note: Filters like the UltraLens should always be worn by both the practitioner and the child during exposure.

UltraLens:

Infant with Headstrap: 1-08177-00.....\$26.00

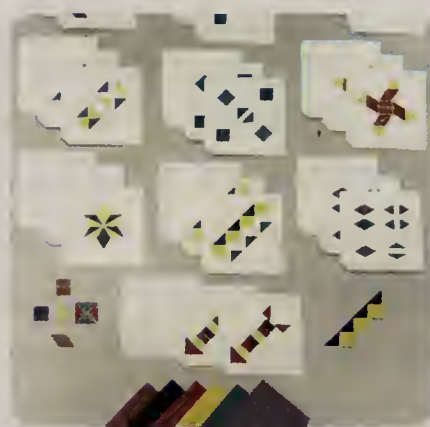
Jr. with Headstrap: 1-08176-00.....\$26.00

Jr. Clip-On (for child who wears glasses): 1-08178-00.....\$23.00

Adult (worn alone or over glasses): 1-08175-00.....\$10.00



VISUAL EFFICIENCY AND LOW VISION



PARTS Seated Parquetry Set

Stimulates use of residual vision and helps to develop visual efficiency. Students master visual discrimination, eye-hand coordination, part/whole concepts, matching skills, and visual memory skills. Uses recessed form boards that can be raised to the eye while holding the parquetry pieces in place.

Recommended ages: 3 years and up.

Seated Parquetry Set: 1-03650-00.....\$159.00

Materials on Utilization of Low Vision (ULV) – Diagnostic Kit

Designed to determine if a student's residual vision is being fully utilized. Consists of two kits purchased separately.

Recommended ages: 5 years and up.

Materials on Utilization of Low Vision (ULV)

Teacher's Kit: 8-50600-00.....\$30.00

Visual Efficiency Scale Kit: 8-50590-00.....\$79.00



Invisiboard

Block out distractions for students with CVI. This portable, lightweight 48 x 30 inch tri-fold board eliminates visual clutter with a solid white, slick material on one side and a solid black, Velcro®-compatible material on the other. Includes carrying case and print/braille manual.

Invisiboard: 1-08541-00.....\$152.00

Optional Item:

Tic-Tac-Toe Accessory Kit: 1-08542-00.....\$16.00

Consists of five each of red and yellow "X" and "O" Velcro®-backed pieces, along with red and yellow Tic-Tac-Toe grids. Can be used with or without the Invisiboard.

Note: Tic-Tac-Toe Accessory kit and Invisiboard sold separately.



Note: Pieces shown are not included with the board. The Tri-fold Board is included as a component in Azer's Interactive Periodic Table Study Set.

Tri-fold Board

This board measures 37 x 24 inches and is covered with Velcro®-compatible material that can be used in combination with many existing APH hook Velcro-backed pieces (e.g., Picture Maker Accessories), as well as with commercially available OR teacher/parent-made manipulatives. Two 3/4-inch nickel plated D-rings are riveted in the top for easy hanging.

The Tri-fold Board offers an intermediate size between APH's Velcro-compatible Picture Maker 13 x 20 3/4 inch felt board and the larger 48 x 30 inch Invisiboard.

Tri-fold Board: 1-08859-00.....\$66.00

New! Spinner Overlays for the Light Box

Using color, light, movement, and increasing levels of complexity, the **Spinner Overlays for the Light Box** can be adapted and layered for many different purposes.

Learners diagnosed with CVI are challenged in understanding objects and concepts through use of their vision. The Spinner Overlays for the Light Box are unique in that the parent or teacher may design individualized overlays for each learner. Learners who demonstrate many CVI characteristics generally need a simpler design than learners who demonstrate few atypical visual behaviors.

As the learner increases his understanding of two dimensional materials, use the Supplemental Cards to encourage visual discrimination between same and different, to visually recognize a named object, or to encourage a visually guided reach to a target presented on a complex background. Two spinners displayed next to each other on one Light Box is a way to create activities of comparison for color, shape, or size.

Spinner Overlays for the Light Box Includes

- Transparent overlays in six colors
- Patterned overlays in many colors
- Sparkle and holographic overlays in four colors
- Two sizes of four sticker shapes in four colors
- Narrow and wide sticker strips in four colors
- Supplemental cards that are blank or printed with target images that complement the patterned overlays
- Large Print Guidebook

Spinner Overlays for the Light Box: 1-08692-00.....\$249.00

Replacement Item: Overlay Stickers Set: 61-157-255.....\$36.10

Use these APH products with the overlay and sticker collection

- Light Box
- Plexiglas® Spinner
- Light Box Materials, Level 1
- Mini-Lite Box



Accessible HTML and BRF versions of the guidebook are available at www.aph.org/manuals/

WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without adult supervision.

WARNING: Seizure Hazard—Use of this product can simulate flashing lights. Adults supervising learners prone to seizures brought on by flashing lights are advised to use this product with caution.

Compare overlays on light box



Light Box and Plexiglass Spinners sold separately



Spinner Overlays for the Light Box



Guidebook

VISUAL EFFICIENCY AND LOW VISION

Light Boxes

When they are used with unique sets of materials, APH's Light Box and Mini-Lite Box help develop awareness of light, color, and objects and assist in the instruction of tracking, scanning, eye-hand coordination, visual discrimination, and visual perceptual skills.

Light Box

The Light Box has a lighted translucent white work surface, providing a high contrast background for opaque materials and a source of illumination for colored transparent and translucent items. Includes dimming control to meet the needs of individual students.

Can be used flat or tilted at three angles. Built-in ledges hold overlays in position. Cool, fluorescent bulb is housed in a tough plastic body measuring 25 x 15 x 5 inches. Includes cover.

*Adapter accepts power from 110VAC to 220VAC. Customer must supply a physical converter that changes a U.S.-style wall plug to a plug compatible with their electrical system.

Recommended for all ages.

Light Box: 1-08669-00.....\$460.00

Replacement Item:

Power Supply, Light Box: 45-052-084.....\$55.25



Mini-Lite Box

APH's Mini-Lite Box is smaller, lighter, and more affordable than its full-size cousin, the Light Box. The Mini-Lite box is usable at a student's desk or on his/her lap. Individual items from Light Box Materials Levels I, II, and III can be used with the Mini-Lite Box.

An optional Mini-Lite Box **Carrying Case** is available. It is made of a tough canvas-like nylon and has roomy pockets to hold overlays and other materials.

Also available separately are Mini-Lite Box **Transparent Overlays**. Set includes one clear, four color, and a sheet of clear, flexible plastic. The color overlays may be used to promote light awareness; improve contrast and visibility; and introduce color matching. The clear overlay may be used with black and color markers. The flexible overlay offers a slip-resistant surface for acrylic materials.

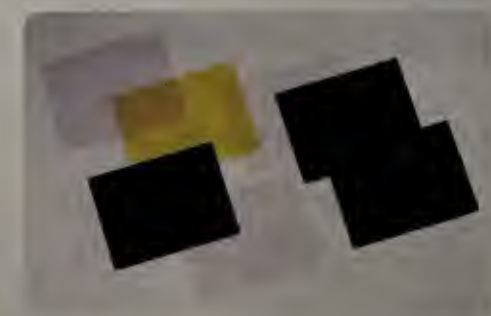
Mini-Lite Box: 1-08661-00.....\$135.00

Optional Items:

Mini-Lite Box

Carrying Case: 1-08668-00.....\$20.00

Transparent Overlays: 1-08662-00.....\$26.00



Replacement Item:

**AC Adapter/Recharger:
1-08661-05.....\$8.50**





Light Box Materials and Activity Guides

The Light Box Materials include Activity Guides. These guides have sections on Cortical Visual Impairment (CVI), references to products, and increased accessibility. Activities Guides are available in English and Spanish.

Activity Guides for all three levels may include a number of Activity Sheets. These are no longer provided as printed pages, but can be printed out from the CD.

Note: Most Light Box Materials in all levels can be used with the Mini-Lite Box.

PARTS Light Box Materials: Level I

Materials help teach basic visual skills, eye-hand coordination, and simple matching skills.

Recommended ages: birth to 4 years.

Light Box Materials: Level I: 1-08670-00.....\$438.00

Activity Guide for Level I only:

 **Optional Item:** Large Print/CD, Spanish: 7-08670-SP.....\$27.00

Replacement Item: Large Print/CD, English: 7-08670-00.....\$30.00



PARTS Light Box Materials: Level II

Helps teach matching and identification skills, part-whole relationships, sequencing, pattern duplication, spatial relationships, and visual memory skills.

Recommended ages: 3 to 5 years.

Light Box Materials: Level II: 1-08680-00.....\$745.00

Activity Guide for Level II only:

 **Optional Item:** Large Print/CD, Spanish: 7-08680-SP.....\$45.00

Replacement Item: Large Print/CD, English: 7-08680-00.....\$45.00



Helps teach visual skills!

PARTS Light Box Materials: Level III

Help students develop: prewriting & handwriting, matching & sorting, recognition & identification, spatial relationships, visual memory, sequencing, figure-ground discrimination, visual closure, and part-whole relationships.

Recommended ages: 4 to 6 years.

Light Box Materials: Level III: 1-08690-00.....\$894.00

Activity Guide for Level III only:

 **Optional Item:** Large Print/CD, Spanish: 7-08690-SP.....\$59.00

Replacement Item: Large Print/CD, English: 7-08690-00.....\$59.00



Light Box sold separately.

VISUAL EFFICIENCY AND LOW VISION

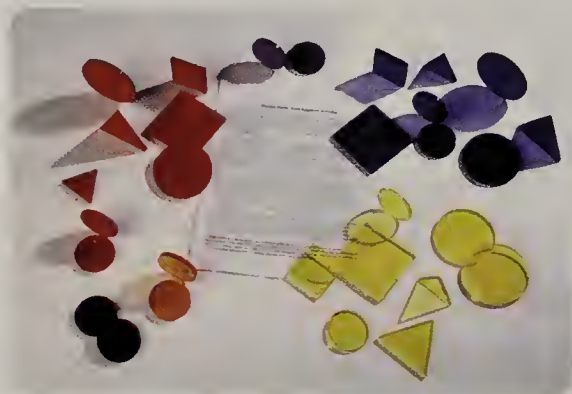
Separate Sets Available from Light Box Materials Levels I and II

Each item is accompanied by sheets of activities grouped by skill. Can be used with Mini-Lite Box.

Plexiglas® Spinner and Spinner Patterns

Spinner, made of clear plastic, is used with overlays to create highly contrasting, moving patterns to stimulate visual awareness and encourage attention and visually directed reaching. Suction cup feet hold the spinner base in place.

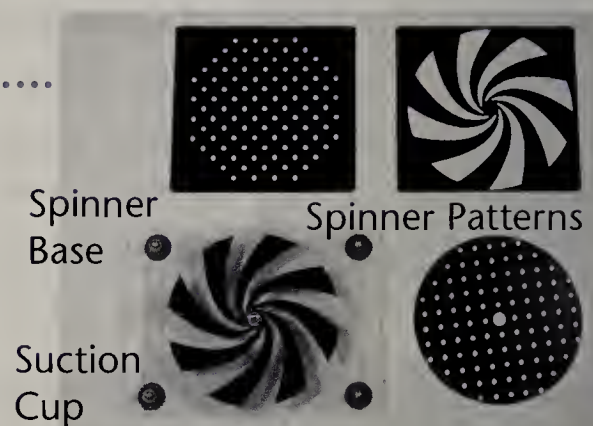
1-08664-00.....\$73.00



Plexiglas Blocks

Colored transparent and translucent geometric shapes in two sizes to create displays for attracting visual attention; encouraging visually directed reaching; matching by shape, size, and color; and for introducing spatial relationships. Thirty pieces in six colors and three shapes: circle, triangle, and square.

1-08663-00.....\$43.00



Pegs and Pegboard

Fosters eye-hand coordination, awareness of spatial relationships, and matching and sequencing skills. Includes 64 colored translucent pegs in three shapes and five colors for use in or out of the included 6 x 6 grid pegboard.

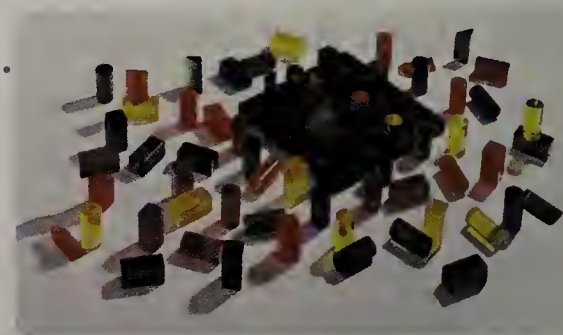
1-08665-00.....\$179.00



Familiar Object Pictures

Colored transparent pictures of 15 household objects are provided in pairs (30 cards total) for matching and identification. Pictures are silk-screened on clear 6 x 6 inch plastic stock.

1-08666-00.....\$69.00



Colored Shape Cards

Colored transparent and translucent pictures of geometric shapes for identification and matching by shape, color, and size. Thirty cards provided: two each of nine shapes, some in three sizes. Shapes are silk-screened on clear 4 x 4 inch plastic stock.

1-08667-00.....\$34.00



Swirly Mat Sets

Durable, non-toxic Swirly Mats come in two sets: **Cortical Visual Impairment (CVI)** and **Functional Vision Assessment (FVA)**. The mats in the CVI set are less complex and are designed for students with cortical visual impairment. The mats in the FVA set are more complex and are useful for conducting functional vision assessments. Both mats can be used for locating, tracking, color discrimination, etc. Try them with APH's Mini-Lite Box (sold separately) for a different effect. Each set includes white background mat, print and braille instructions, and a plastic carrying case.

Swirly Mat™ Set:

CVI: 1-08153-00.....\$61.00

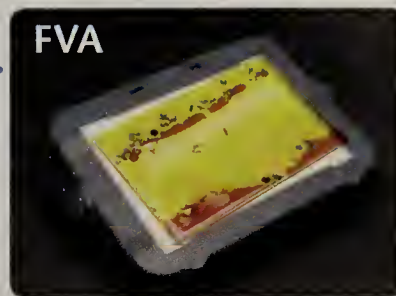
FVA: 1-08154-00.....\$55.00



Swirly Mats and Swirly Mats II

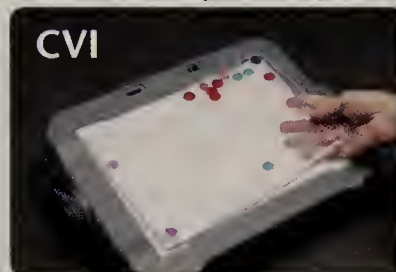
WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without adult supervision.

FVA



*Mini-Lite Box
sold separately*

CVI



New!

Swirly Mats II CVI and FVA

The Swirly Mats II are an extension of Swirly Mat Sets. **Swirly Mats II CVI™** have added elements for more complexity; **Swirly Mats II FVA™** have added

elements and different color choices. Both sets can be used for locating, tracking, color discrimination, etc. Try them with APH's Mini-Lite Box (sold separately) or on one of the durable tabletop mats included in the kits. Each set includes three tabletop mats (yellow, black, and white), print and braille instructions, three hook & loop dots, and a plastic carrying case.

Swirly Mats II CVI for use during functional vision evaluation, can be used to assess the characteristics of color preference, need for movement, visual latency, visual field preference, levels of visual complexity, need for light, distance viewing, visual novelty, and visually-guided reach.

Swirly Mats II FVA for use during functional vision evaluation or visual skills development activities, can be used to assess the characteristics of color preference, visual detail, visual contrast, detail and number discrimination, levels of visual complexity, ability to cross midline, visual novelty, and visually-guided reach.

Note: Always provide adult supervision when using Swirly Mats/Swirly Mats II with young children. Mats are completely sealed; however, in the event of a rupture, small pieces inside the mats may present a choking hazard. Liquids are non-toxic but will stain. Use caution.

Swirly Mats II, CVI Includes (1 ea.)

- clear with black disks and stars
- red/clear with disk confetti
- yellow/clear with smiley faces
- silver/clear with star confetti

Swirly Mats II, FVA Includes (1 ea.)

- scarlet/clear with heart confetti
- clear with white, silver, and blue snowflake confetti
- turquoise/clear with sea life confetti
- orange/clear with pumpkin confetti

**Swirly Mats II
CVI Kit**

**Swirly Mats II
FVA Kit**



Swirly Mats II

CVI: 1-08158-00.....\$79.00

FVA: 1-08159-00.....\$79.00

APHont: A Font for Low Vision

APHont™ (pronounced Ay'-font), was developed by APH specifically for readers with low vision. APHont embodies characteristics that have been shown to enhance reading speed, comprehension, and comfort for large print readers. The APHont Suite (Regular, Bold, Italic, and Italic Bold) is **available free-of-charge** on the APH website.

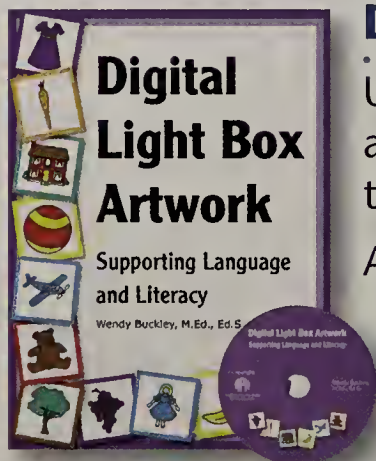
Note: This copy is set in 18 pt. APHont. Features of this font include:

- Higher crossbars
- Wider letters
- Letters more open
- No serifs
- Heavier letters
- Larger punctuation marks

APH makes no claim that APHont is an appropriate font for children who are just learning to read.

How to Request APHont:

Before downloading APHont, users must validate that APHont will be used by or for visually impaired persons for non-commercial purposes. Visit www.aph.org/products/aphont/



Digital Light Box Artwork

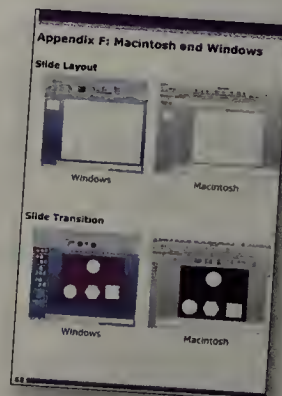
Use Digital Light Box Artwork (DLBA) with your software to provide extension activities for the Light Box and/or provide familiar images for children who transition from Light Box to computer activities.

APH has digitized the individual art pieces from the APH Light Box Materials for use on your computer! The large print instruction guide teaches how to create activities for cause & effect, choice making, and multiple-choice. The artwork can be used with many commercially available authoring programs, such as Clicker 5®

and Boardmaker®. The artwork files are .png format.

Digital Light Box Artwork, Large Print

Guidebook with CD-ROM: 1-08691-00.....\$40.00



CVI Perspectives Video

This video explores cortical visual impairment (CVI) from three perspectives: medical, educational, and personal.

Seven families talk about their personal experiences from the difficulty of the diagnosis to finding help and hope.

CVI Perspectives Video: DVD: 1-30014-DVD.....\$25.00

CVI Complexity Sequences Kit

APH's CVI Complexity Sequences Kit includes cards that present sequences of images designed to refine the ability to identify a target in the presence of increasing amounts of background information. These cards may be used individually or as a sequence and should be presented against a black or plain, light-absorbing background.

Includes

- Ten sets of 8 Sequence Cards
- Three-ring binder
- Blackout window to isolate the target image

Recommended ages: Preschool and up.

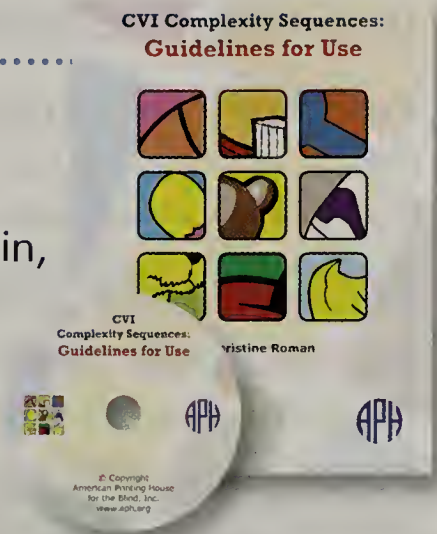
CVI Complexity Sequences Kit: 1-08156-00.....\$55.00

Replacement Item

CVI Complexity Sequences Guidebook,
Large Print: 7-08156-00.....\$10.00

- Guidebook in large print and on CD-ROM in accessible formats

Note: Braille Guidebook available separately.



Optional Item

CVI Complexity Sequences Guidebook,
Braille: 5-08156-00.....\$17.00

CVI Complexity eBook and Interactive Cards

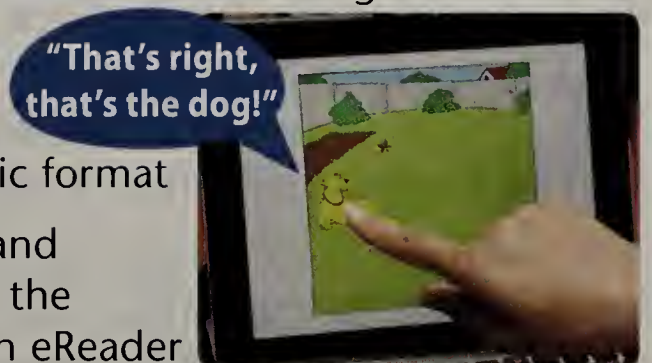
CVI Complexity Sequences eBook and Interactive Cards has the same information and content as the CVI Complexity Sequences Kit. The eBook edition also includes an interactive feature: successfully touching the target image results in an audio response that acknowledges the action.

Digital Edition Includes

- Guidebook, electronic format
- Same ten sets of eight images as the print kit, in an electronic format

In addition to tablet devices, CVI Complexity Sequences eBook and Interactive Cards can be used on Macs and on PCs. At this time, the audio feature is not supported by all eReaders. To determine if an eReader supports the interactive feedback, ensure it supports EPUB 3.x format or newer.

Recommended ages: Preschool and up.



CVI Complexity Sequences eBook on an iPad®.

Notes About EPUB Files:

To purchase this CVI Complexity EPUB digital publication, please contact the APH Customer Service Dept. This publication cannot be ordered directly using the APH Shopping Site. Once ordered, you will receive an email containing a link to download the publication.

- If you click on this link from an iOS or Android device, the title will open in iBooks or Play Books.
- On the Mac, iBooks will open the title.
- On Windows or Linux, you will need to download and install an EPUB reader before you can read this title, such as the Radium extension for the Chrome Browser.
- Adobe Digital Editions is a reasonable choice for reading most EPUB files in Windows, but it does not support the interactive features built into this particular title, although the text reads correctly.

continued on next page

VISUAL EFFICIENCY AND LOW VISION

Ordering CVI Complexity Sequences eBook:

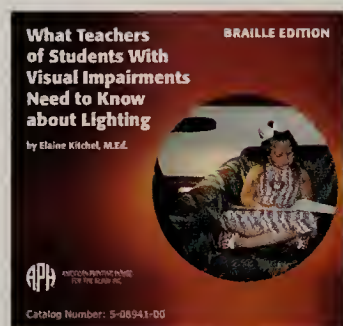
Purchase from APH with Quota or Non-Quota Funds:

Please see the "Notes About EPUB Files" on the previous page for instructions on ordering from APH with either Quota or non-Quota funds.

CVI Complexity Sequences eBook and Interactive Cards: D-03610-ED.....\$9.95

Purchase from Apple Using Non-Quota Funds:

You may choose to order CVI Complexity Sequences eBook directly from iTunes or iBooks using non-Quota funds. Go to the iTunes or iBooks app on your iOS device and search for "CVI Complexity Sequences".....\$9.95

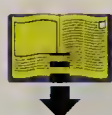
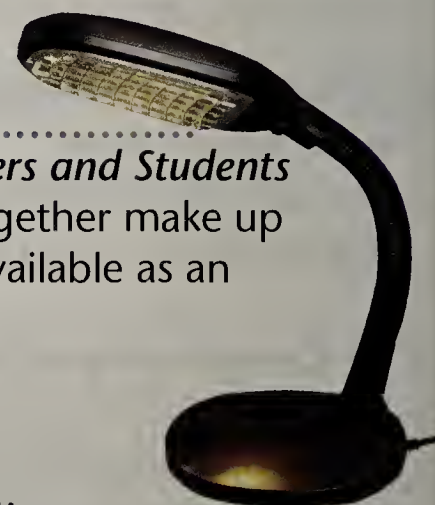


Lighting Guide Kit with Better Vision Lamp

The Better Vision Lamp and large print book, *What Teachers and Students With Visual Impairments Need to Know about Lighting*, together make up the Lighting Guide Kit. The braille edition of the book is available as an optional purchase or as a free download at:

www.aph.org/manuals/index.html

Lighting Guide Kit: 1-08941-00.....\$138.00



Optional *What Teachers and Students With Visual Impairments Need to Know about Lighting*, Braille (hard copy, made to order): 5-08941-00.....\$17.00

Replacement Items:

What Teachers and Students With Visual Impairments Need to Know about Lighting, Large Print (Book only): 7-08941-00.....\$12.00

Better Vision Lamp Bulb: 45-041-002.....\$18.20

Note: The Better Vision Lamp was specially developed to provide the best light possible for students with visual impairments. This energy-saving lamp gives off light that doesn't cause photo stress in most people with retinal, corneal or lens disease/injury, or cortical visual impairment. Lamp uses a special 27 watt, 2700K, compact fluorescent tube which emits no blue or ultraviolet light. *Lamp is not available separately.*

Lighting Guide Kit Homegrown Video

In this *Homegrown Series* DVD, APH Low Vision Project Leader Elaine Kitchel discusses the research behind the development of the Better Vision Lamp.

Elaine and other Lighting Guide Kit users discuss the types of tasks they enjoy while using the lamp – from doing homework, completing reading assignments and paying the bills, to hooking a rug, making jewelry, and looking at photos – as well as some of the benefits, like less eye fatigue and being able to work longer and more efficiently.

Runs approximately 19 minutes. Closed Captioned.

Lighting Guide Kit Video: 1-30018-DVD.....\$10.00



APH Software for Windows System Requirements

Requirements to run: PC running Windows® 7, 8.1, or 10. Software requires a sound card, speakers, and CD-ROM drive.

Find detailed software purchasing instructions in the "How to Order" section, pg. 209.
Download APH Software Demos at tech.aph.org



Armadillo Army Software

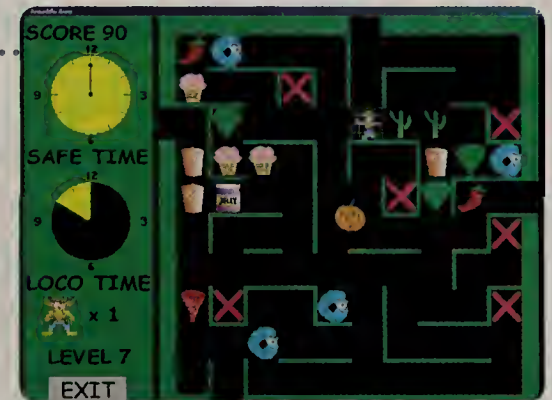
Low-vision users practice lateral eye movements, vertical eye movements, searching skills, timing skills, visual discrimination skills, peripheral detection skills, eccentric viewing skills, and eye-hand coordination. The game has bright, large graphics, as well as meaningful sound elements.

Students who are blind can play the game using its sound cues.

Armadillo Army™ Software:

CD-ROM: D-03400-00.....\$49.00

Digital Download: D-03400-ED.....\$39.00



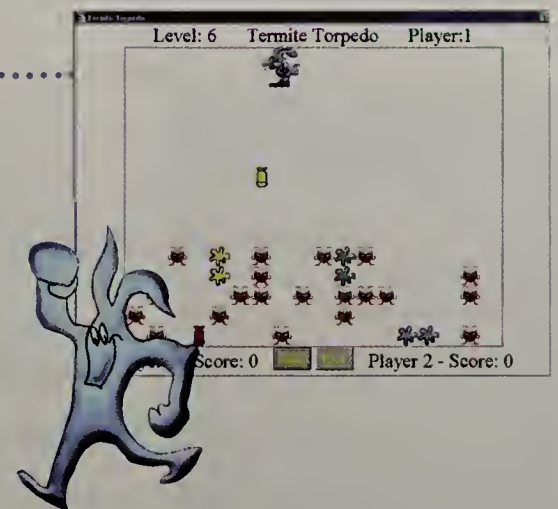
Termite Torpedo Software

An educational game that gives students with low-vision practice in the visual skills of locating, fixating, tracking, aligning, and following. Termites are eating their way through Woodville! Only you can save the city by clearing the playing field of 12 levels of termites!

Termite Torpedo™ Software:

CD-ROM: D-03470-00.....\$39.00

Digital Download: D-03470-ED.....\$39.00



Toodle Tiles: Emmy's Town Software

Toodle Tiles: Emmy's Town™ is based on the matching game of Mahjong, the object is to clear away matching tiles and pave the way for the new mayor of Emuville. Features bright, high-contrast colors and simple designs in five different tile sets.

Toodle Tiles: Emmy's Town Software:

CD-ROM: D-00300-00.....\$49.00

Digital Download: D-00300-ED.....\$39.00



Expanded Core Curriculum:
**Orientation and
Mobility (Concept
Development)**

Orientation and Mobility

This is a vital area of learning, which requires delivery by teachers with specific preparation. It emphasizes the fundamental need and basic right of visually impaired people to travel as independently as possible, enjoying and learning to the greatest extent possible from the environment through which they are passing. Students will need to learn about themselves and the environment in which they move — from basic body image to independent travel in rural areas and busy cities.

Section Index

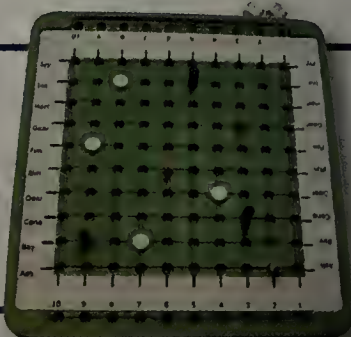
<i>Denver the Guide Dog</i> Video.....	144	Picture Maker:	
NEW! <i>Echolocation and FlashSonar</i>	139	Wheatley Tactile Diagramming Kit.....	145
Miniguide US	142	Geometric Textured Shapes.....	145
Nearby Explorer App	140	Textured Strips	145
NEW! app for iOS devices	141	Storage Panel	145
O&M		Video	144
Family Booklet Software	144	Step-by-Step	143
Tactile Graphics.....	142	Tactile Town: 3-D O&M Kit	142
For Wheelchair Users w/VI.....	146	NEW! <i>Teaching Street Crossing to Students w/VI</i> ..	139

Orientation and Mobility (Concept Development) Related Products

Calendar Kits	94	Small, Medium, and Large Circles Sets	33
DRAFTSMAN Tactile Drawing Board	92	Sound Matching Board I & II.....	32
Fine Motor Development Materials	29	Tactile Treasures.....	30
Geometric Forms	54	Textured Pegs	32
Moving Ahead Storybooks	26	Textured Sorting Circles	52
Portable Sound Source.....	80	<i>Touch and Tell</i>	101
<i>Reclaiming Independence</i> Video	161	Touch 'em All Baseball.....	170
Rolling Right Along Construction Kit	35	TREKS: Game of Compass Directions.....	173
Sensory Cylinder Set	32		

Learn O&M Concepts the Fun Way!

TREKS: The Game of Compass Directions is a fun way for students to learn cardinal directions and other O&M concepts. See pg. 173



New!

Echolocation and FlashSonar

This guidebook, written by Daniel Kish and Jo Hook, provides instructional strategies for teaching persons who are blind and visually impaired the use of echolocation as a method of gaining information about space and objects/environmental features in the world around them.

Although *Echolocation and FlashSonar* works well as an instructional manual for O&M specialists, it can also be used by adults who are blind and visually impaired who are working independently.

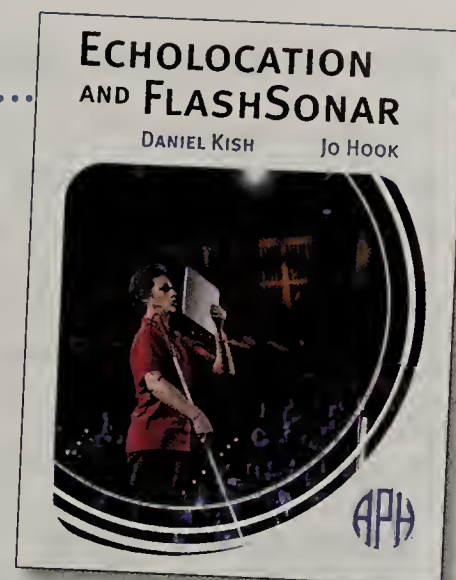
An extensive list of references and resources is provided for the reader.

Topics addressed in this guidebook include:

- What is Echolocation?
- How the Brain Develops and Operates
- Optimizing Learning Conditions
- How do I Teach FlashSonar to Myself and Others?
- FlashSonar Exercises
- The Importance of Echolocation and Future Research



Warning: *FlashSonar skills should be used along with a human guide, dog guide, or cane.*

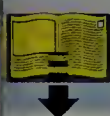


Echolocation and FlashSonar

Large Print: 8-75975-00.....\$77.00

Braille: 6-75975-00 (free downloadable brf file)

www.aph.org/manuals/#alpha-e



New!

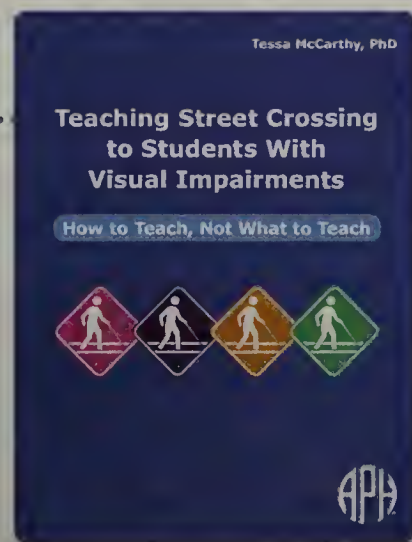
Teaching Street Crossing to Students With Visual Impairments

Teaching Street Crossing to Students With Visual Impairments: How to Teach, Not What to Teach provides information about teaching various components of street-crossing skills at appropriate ages/developmental levels; sequencing skills and environments; and using appropriate pedagogical strategies to enhance effectiveness of street-crossing instruction.

The goal of this manual is to provide information about different strategies—skills-based, behavioral, and Piagetian—that are derived from different theories of learning. Practical case examples and vignettes throughout the manual apply concepts to real-world scenarios.

Topics Addressed Include

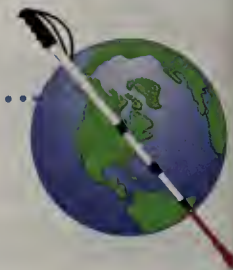
- Skills and Pedagogy: What Is the Difference?
- When to Begin Teaching Street Crossing
- Developing a "Game Plan" for Teaching Street Crossing
- Planning How to Teach, not What to Teach



Teaching Street Crossing to Students With Visual Impairments: 8-75778-00.....\$27.00

Nearby Explorer app

Nearby Explorer™ is a powerful location exploration app for use online and on Android™ and iOS devices. A full featured GPS app that empowers users to independently explore with confidence!



Nearby Explorer uses GPS and your phone's compass to speak real-time information about your surroundings. Includes millions of points of interest (POI) in the U.S. and Canada. When used with a built-in compass, the app also provides feedback about features in your environment.

Available in three versions:

- **Purchased App (2 versions):** purchase on the **Google Play™** store or on the **App Store®** online store; downloads all mapping data and does NOT require a network connection.
- **Free Online App:** free-of-charge on Google Play; mapping data is stored on the web, so the free version DOES require a network connection. This is a "lite" version of the Purchased App.


Requirements to Run Purchased App:

Nearby Explorer requires an Android or iOS device with the following:

- Android 4.1 or later; iOS 9 or later
- 4GB of available memory for locally stored maps
- GPS receiver on phone/tablet

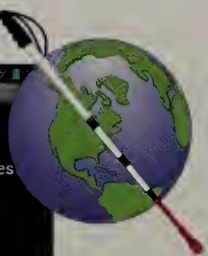
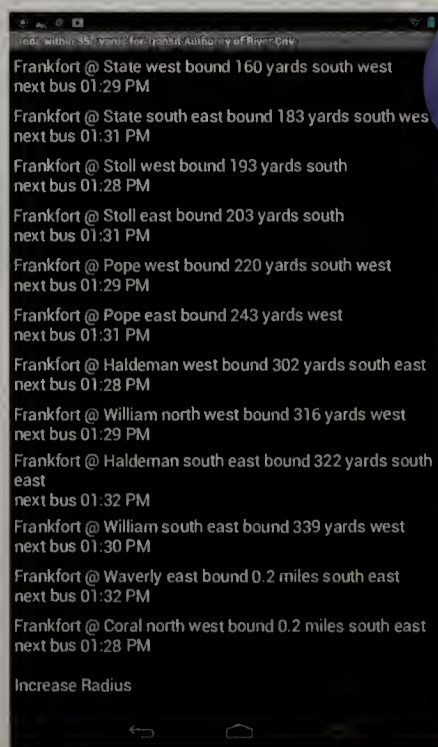
Note: This app cannot be purchased directly from the APH shopping site.

WARNING:

 *Nearby Explorer should be used along with a human guide, dog guide, and/or cane because it does not provide sufficient information to act as a substitute for your preferred O&M method.*

Use Nearby Explorer to add and share your own POIs. In addition to spoken information, it also displays maps on the screen that provide audio feedback with touch. The program enhances its onboard data with Google Places™ business listings and Foursquare® (iOS only), if you have a mobile network connection.

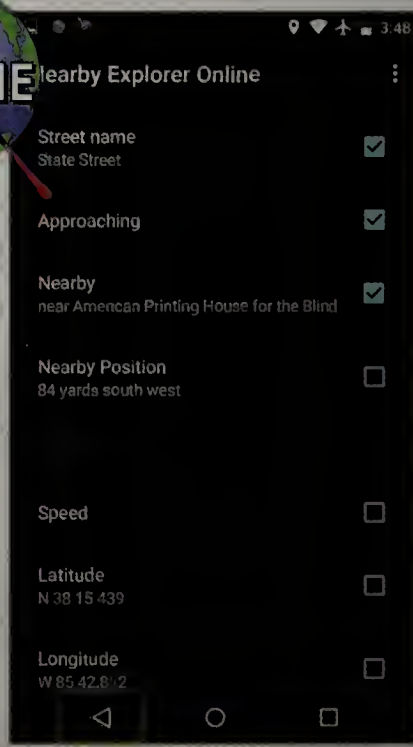
Purchased App



Note: A built-in compass is not required, but will add additional functionality.

Locate nearby transit stops and learn the next bus to arrive.

Free "Lite" App



NE Online Search locates nearby POI

continued on next page

Nearby Explorer (cont.)

For Federal Quota Purchase of Nearby Explorer app

Note: There are special ordering instructions for APH mobile apps. At this time, these apps can not be purchased directly from shop.aph.org

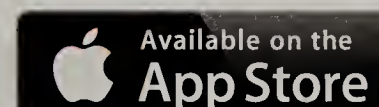
Find detailed software purchasing instructions in the "How to Order" section, pg. 210.

Non-Quota Purchase: Nearby Explorer app,
for Android devices, on the Google Play store: \$79.99
New! for iOS devices, on the App Store: \$79.99

Quota Purchase: Nearby Explorer app,
for Android devices, from the APH File Repository:
D-20000-AN.....\$79.99

New! for iOS devices, faxed Quota order:
D-30022-APL.....\$79.99

*Individuals are
welcome to purchase
Nearby Explorer!*



Free App: Nearby Explorer Online

The online version of Nearby Explorer is available to download for free on the Google Play store. It contains no onboard map data, so there are no licensing fees to pay, therefore, it is free to you! While Nearby Explorer Online is potentially very useful as a tool everywhere, the online version does require a device with a network connection to use.

Note: Nearby Explorer Online is a "lite" version of the Purchased App. It does not give directions, offer a map view, offer compass mode, or explore nearby intersections.

For complete details about Nearby Explorer Online, visit: tech.aph.org/neo_info.htm

To install, visit: <https://play.google.com/store/apps/details?id=org.aph.nearbyonline>

Looking for Accessible Materials? – Search Louis!

Search **Louis** to find over 420,000 accessible books and other materials in braille, tactile graphics, large print, braille music, and digital formats available from over 140 producers. **Louis** also includes APH products.

Download APH digital textbooks, apps, and other products as well as files for braille production from the APH File repository. Search **Louis Plus** to find source files and accessible books from NIMAC, Tactile Graphic Image Library, Bookshare, and Learning Ally™.

Access **Louis** at louis.aph.org



Accessible
Materials and
APH File
Repository

ORIENTATION AND MOBILITY (CONCEPT DEVELOPMENT)

PARTS Tactile Town: 3-D O&M Kit

Tactile Town provides an interactive, 3-D model to help teach spatial concepts and environmental layouts.

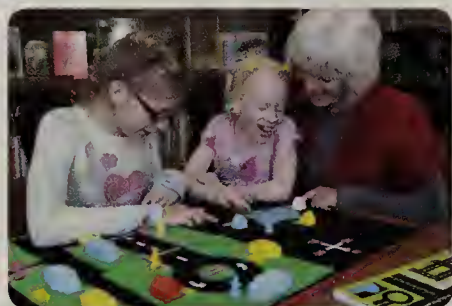
This kit assists in the development of cognitive mapping skills by helping students who are visually impaired and blind perceive and organize their physical environment. It encourages active participation and interaction.

By providing a wide variety of components that can be easily customized or extended, Tactile Town is an ideal starter kit for instruction and reinforcement of mapping skills and concepts.

Recommended ages: 5 years and up.



Tactile Town: 3-D O&M Kit (includes Teacher's Guidebook, Large Print): 1-03135-00.....\$479.00



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without adult supervision.

Optional Item: Teacher's Guidebook, Braille: 5-03135-00.....\$45.00

Replacement Item: Teacher's Guidebook, Large Print: 7-03135-00.....\$34.00

Miniguide US

Uses ultrasound to detect objects, and gives tactual or auditory feedback by vibrating or chirping more rapidly as you approach an object. Ideal for use by deafblind persons.

When used with a cane or dog guide, the Miniguide US can help find paths through crowds at ranges from 20 inches to 26 feet.

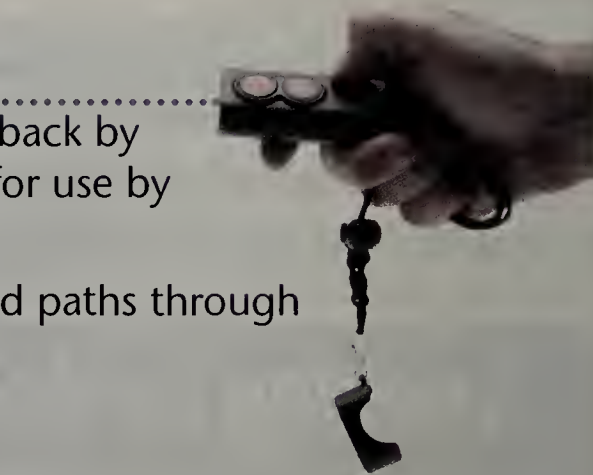
Miniguide US:

with Print User's Guide: 1-07006-00.....\$545.00

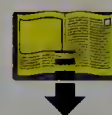
with Braille User's Guide: 1-07007-00.....\$545.00



WARNING: The Miniguide US should be used along with a human guide, dog guide, or cane because it does not detect drop-offs and does not provide sufficient information to ensure safety.

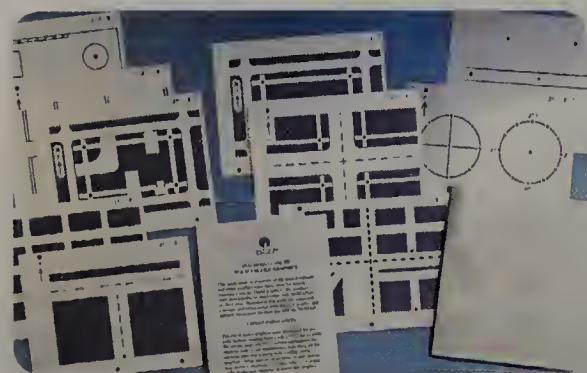


Miniguide Reference Sheet:



Large Print: 45-202-025

Braille: 45-202-026



O&M Tactile Graphics

Helps teach orientation and mobility concepts: compass directions, clock locations, and navigating outside and inside.

Teacher's Guide gives basic ideas for lesson planning using the graphics, suggested concepts, and instructional hints.

Recommended ages: 8 years and up.

O&M Tactile Graphics: 1-20100-00.....\$46.00

Step-by-Step: An Interactive Guide to Mobility Techniques


Developed by Dr. Sandra Rosen, Step-by-Step guides the user in strategies to identify and correct mobility errors commonly made by new learners.




Step-By-Step Includes

- **Seven Study Guides:** Designed for in-depth study, each spiral bound volume describes in words and pictures how to perform mobility techniques for a given learning module; provides strategies for choosing teaching environments; lists prerequisite and related skills; and includes instructional strategies.
- **Seven Review Guides:** Each spiral bound volume provides "Keywords" and memory hints along with a picture for performing each step in a technique.
- **Introduction and Appendices:** Spiral bound volume includes a glossary of terms, a matrix of prerequisite and related techniques, and much more.
- **User's Guide for Flash Drive Videos:** Booklet explains how to run and use interactive videos.
- **URL for downloading all text materials:** All text materials can be stored and viewed on computers, smartphones, or tablets.
- **Video flash drives:** One 32 GB flash drive for Macs and another for PCs include interactive videos of each technique that can be viewed one step at a time or as a whole. Videos interactively depict performance errors commonly made by those who are learning to travel and measures to correct these errors.

Step-By-Step: A Guide to Mobility Techniques: 8-75980-00.....\$299.00

 **Note:** Only O&M specialists should teach the 30 techniques included in Long Cane Techniques, Street Crossing Techniques, Special Environments, and Transportation Techniques modules; however, teachers of students with visual impairments, vision rehabilitation therapists, and other professionals, family members, and friends may wish to learn, as appropriate, some of the 23 techniques included in Human Guide Techniques, Non-Cane Techniques, and Special Techniques modules.

 **ATTENTION FLASH DRIVE USERS:** Open and read the "Read Me First" pdf after inserting flash drive into your computer. After opening any module folder, click **ONLY** the file labeled "0 Double-Click to Start on PC" or "0 Double-Click to Start on Mac". **DO NOT OPEN ANY OTHER FILE ON THE FLASH DRIVES.** Opening any other file in the menu will corrupt the Step-By-Step program and render it permanently unstable.





O&M Family Booklet Software

O&M Family Booklet software from APH is designed for O&M professionals. Let the software do the work for you – just type or select what you want the family to understand.

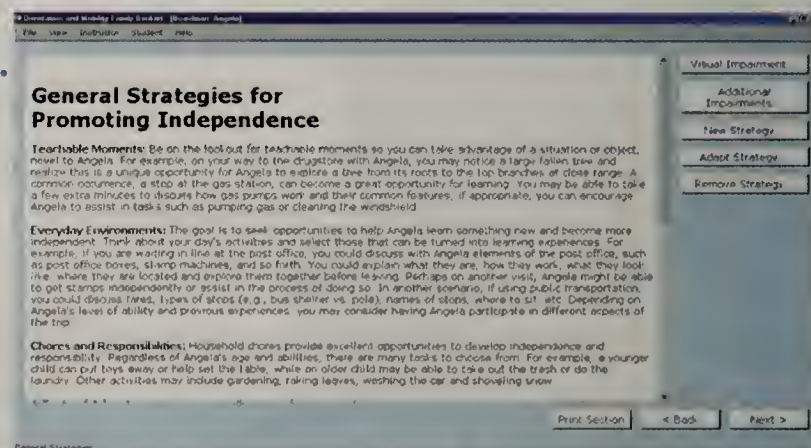
Features:

- Explain the meaning and importance of O&M skills for the student in your own words
- Show the impact of the eye condition and visual functioning on the student's O&M
- Describe the student's O&M goals for the coming year
- Offer general ideas to the family about how they can foster the student's independence

O&M Family Booklet software:

CD-ROM: D-03480-00.....\$50.00

Digital Download: D-03480-ED.....\$50.00



Denver the Guide Dog Video

Produced by the Discovery Channel cable network for their Animal Planet®



Pet series, this video is for anyone who'd like to know more about guide dogs or would just like to meet Denver.

Celebrate with Heathcliff as he's honored after twelve faithful years of service, and meet the new kid on the block – Denver. In this episode see how Denver got his start, "made the cut" at guide dog school, and was matched with Gary. Be amazed as you watch how hard the two of them have worked to become the team they are.



Denver the Guide Dog Video: 1-30010-DVD.....\$15.00

Picture Maker Homegrown Video

Product creator Patty Wheatley offers many tips and tricks for using the Picture Maker in all areas from classroom to everyday life. Approximately 14 mins. Closed captioned.

Picture Maker Homegrown Video: DVD: 1-30008-DVD.....\$2.00



American Printing House
for the Blind ~ Shopping



Ordering for U.S. Customers: shop.aph.org

PARTS Picture Maker: Wheatley Tactile Diagramming Kit

This fun, colorful tactile board includes a felt covered board measuring 20 3/4 x 13 inches, and a wide variety of Velcro®-backed pieces that attach to the board in an infinite number of patterns. Features over 100 pieces in many shapes, sizes, textures, and colors. Extra "hook" Velcro material provided for helping to create additional tactile pieces. The large print/braille guidebook has suggestions and example layouts.

Picture Maker Kit: 1-08838-00.....\$130.00

Replacement Guidebook (large print/braille):
6-08838-00.....\$29.00



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without adult supervision.


Picture Maker: Textured Strips

Provides additional textured diagramming strips for use with Picture Maker. Strips are different in texture, number, color, and size from those included in the original kit. These strips can be used to represent different map features.

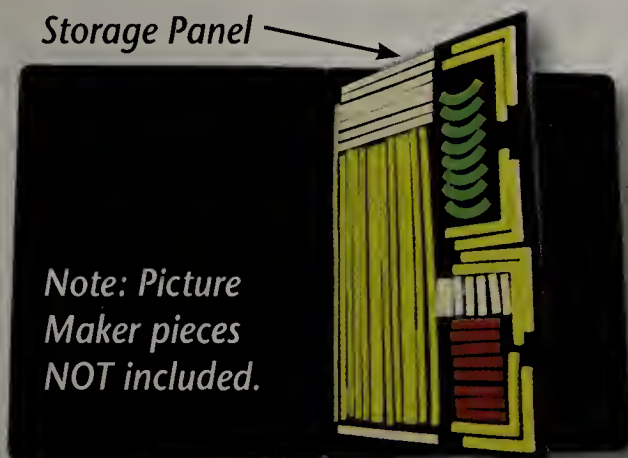
Picture Maker: Textured Strips: 1-08838-02.....\$83.00



Picture Maker felt board NOT included with Textured Strips.

 **WARNING: Choking Hazard—Small Parts.** Not intended for children ages 5 and under without adult supervision.

Storage Panel



Note: Picture Maker pieces NOT included.

Picture Maker: Storage Panel


Store unused Picture Maker pieces so the entire main Picture Maker board can be used for diagramming purposes. The 8 1/2 x 11 inch panel is double-sided with soft black Veltex® material, 3-hole punched edge, and customer-applied Velcro® hook tabs.

Picture Maker: Storage Panel: 1-08838-03.....\$20.00

Picture Maker: Geometric Textured Shapes

Provides additional Velcro®-backed textured shapes for use with APH's Picture Maker. Use in combination with the diagramming strips and shapes included in the original kit. Can also be used with APH's All-In-One Board (Magnetic/Velcro/Dry Erase).

Picture Maker: Geometric Textured Shapes: 1-08838-01.....\$58.00

 **WARNING: Choking Hazard—Small Parts.** Not intended for children ages 5 and under without adult supervision.

Related Product:

All-In-One Board: 1-08836-00.....\$153.00



Note: Some parts you receive may vary slightly from those depicted in photos. Felt board is NOT included.



Orientation & Mobility for Wheelchair Users With Visual Impairment or Blindness

This web-based publication helps O&M instructors learn how to train students who are wheelchair users to travel safely and effectively.

Follow Scott Crawford as he instructs a variety of adult wheelchair users—who also experience vision impairment—in the proper techniques to complete tight turns, enter and exit through doorways, trail sidewalks and curbs, ascend and descend stairs and escalators, and much more. Scott's ability to analyze the environment and to solve mobility obstacles make this a must-have educational tool.

This web publication shares techniques and strategies that are proven successful with clients/students in the rehabilitation setting. It does not suggest that any particular skill be taught in a particular method, and acknowledges that what works successfully with some students may fail with others.

The O&M for Wheelchair Users website includes:

- 12+ chapters with Q&A and True Story sidebars
- 197 video clips

Each chapter has easy access to the top of the chapter, main menu, previous chapter, and next chapter.

System Requirements

- Internet connection. Because of the video content, you may wish to use a WiFi connection rather than a cellular data connection
- Windows: IE10+, Chrome 32+, or FireFox 27+ (may not support captioning)
- Mac: Safari 6+, Chrome 18+
- iPad and iPhone: Safari



Web-Based Publication: O&M for Wheelchair Users

With Visual Impairment or Blindness: D-03490-ED.....\$4.99

Note: This online publication cannot be ordered directly using the APH Shopping Site. Please contact the APH Customer Service Dept. Once ordered, you will receive an email containing a link to access the website. Please make sure to provide us an email address on your order. *This publication IS available on Quota!*



Video Clip:
Backing onto
a van lift in a
manual wheelchair

**One of over 190 video
clips: Boarding a train
when using a scooter**



Expanded Core Curriculum: Assistive Technology and Electronics

Technology

Technology is a tool to unlock learning and expand the horizons of students. It is not, in reality, a curriculum area, but it is added to the expanded core curriculum because of the special place it occupies in the education of students who are blind and visually impaired. Technology can be a great equalizer. It enhances communication and learning and expands the world of blind and visually impaired persons in many significant ways.

Section Index

Book Ports	149	JAWS and MAGic Student Edition	148
Book Wizard Software.....	154	NEW! Orbit Reader 20.....	152
NEW! Braille Badges	151	Refreshabraille 18, Ver. 3	153
Container Opening Tool.....	150	USB Charger, 2 amp	150
Digital Talking Book Cartridge (4GB).....	150	Visual Brailier	151
Headphones	150		

Assistive Technology and Electronics Related Products

APH Sound Balls.....	79	Orion TI-30XS Talking Scientific Calculator	49
Colorino Talking Color Identifier.....	162	Nearby Explorer.....	140-141
ColorTest II: Talking Color Analyzer.....	162	Portable Sound Source.....	80
Draw2Measure Protractor (for iOS devices).....	45	Studio Recorder Software.....	178
IntelliTactiles	92	Talking GlowDice	170
Learn Keys Software.....	96	Talking Products (various)	162-164
Miniguide US.....	142	Talking Typer	95
Money Talks Software	166	Video Mag HD handheld video magnifier	126

APH Annual Meeting: Inspire, Energize, Connect!

Each October, APH holds the federally mandated **Annual Meeting of Ex Officio Trustees and Special Guests**. Since 1879, blindness field professionals have traveled to Louisville, Kentucky to connect with colleagues. Participants learn about new products, share input on upcoming products, and help guide the direction of the APH. Special Guests include teachers, parents, consumers, university program personnel, and other service providers.

For more information, visit **www.aph.org** or contact Janie Blome at **jblome@aph.org**





JAWS® and MAGic® Student Edition – Available on Quota!

Freedom Scientific and APH have partnered to make a “JAWS and MAGic Student Edition” available to K-12 students in the U.S. using Federal Quota funds! Sold exclusively by APH. **JAWS (Job Access With Speech)** is the world’s most popular screen reader software providing access to Windows® computers. JAWS offers both speech and braille output. **MAGic Screen Magnification** software is a magnification AND screen reading program for computer users who are low vision.

JAWS Features

- Two multi-lingual synthesizers
- Built-in DAISY player
- Works with Microsoft Office, Internet Explorer, Firefox, and much more
- Convenient OCR feature provides access to the text of PDF documents
- Contracted braille input from your braille keyboard, a JAWS exclusive
- Fully compatible with MAGic screen magnification software and OpenBook scanning and reading program
- Supports Windows 7, 8.1, and 10, including touch screens and gestures



MAGic Features

- 75 magnification levels from 1x to 60x
- View more of the screen content with multiple magnification levels from 1x to 4x
- Work longer, less fatigue with crisp fonts
- Cursor enhancement
- Eliminate glare and increase contrast with built-in color enhancement
- Speech options add human-sounding voices to speak text and echo user actions
- Supports Windows 7, 8.1, and 10



JAWS and MAGic Student Edition Includes

- Full versions of JAWS and MAGic software (one annual subscription gives the student access to both programs)
- Access to the latest versions with all updates
- Ability to install on any computers the student accesses at school or home (up to three)
- Tandem function available for remote help by teachers or support staff
- Access to Freedom Scientific phone support, training materials, and webinars

Terms and How to Order with Quota Funds: call APH customer service **800-223-1839** or visit **www.aph.org/jaws-and-magic-student-edition/**

Purchase from APH Using Non-Quota Funds: You may purchase JAWS and MAGic Student Edition subscriptions using Non-Quota funds, *as long as the student is working at a 12th grade level or under*. For example, you may purchase by calling APH and use a credit card.

JAWS and MAGic Student Edition, One-Year Subscription: D-11000-ED.....\$300.00

Book Port Plus

Read Digital Talking Books, play digital audio, play internet radio, download podcasts, read computer files, and make superb recordings. Book Port Plus' ability to create Digital Talking Book recordings is unique.

Book Port Plus™ dimensions are: 4.4 x 2.2 x 0.6 inches and it weighs 3.9 oz. The included cables let you either connect the unit to a PC to transfer files, or connect to an NLS Digital Talking Book cartridge.

Book Port Plus: 1-07191-00.....\$340.00 + shipping

SHIPPING CHARGE (Book Port Plus and Book Port DT)

All shipments will incur actual UPS shipping rates based on the destination.



**Built-in
Wi-Fi lets
you play
internet
radio or
download
podcasts!**

Replacement Items:

AC Power Adapter, A-Type: 1-07192-01.....\$26.00

Battery, Lithium-Polymer: 1-07194-00.....\$38.00

Battery Door: 1-07193-00.....\$3.25

Cable, Mini AB-Short USB: 1-07195-00.....\$5.00



Optional: DAISY Online Delivery Update: call customer service 800-223-1839.

Paid firmware update adds DAISY delivery capabilities to APH's Book Port Plus.

Book Port DT

Loaded with many of the same features as our hand-held Book Port Plus, the **Book Port DT™** is a desktop-style Digital Talking Book player and recorder. Includes a large speaker and easy-to-use controls.

The Book Port DT is ideal for reading Digital Talking Books. Record or edit your own material in Digital Talking Book format. Enjoy listening to internet radio or downloading podcasts for education or entertainment.

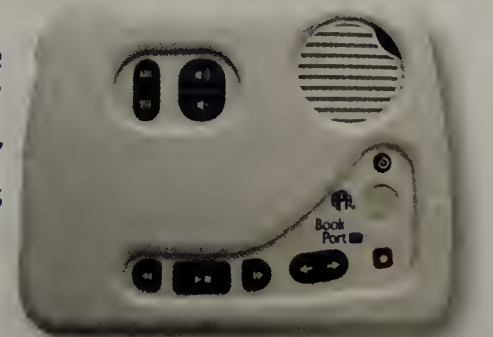
Note: The unit must be authorized through Learning Ally or NLS to play recordings from these organizations. You also need to have an account to use bookshare.org. You can also download books from the NLS BARD website, see nlsbard.loc.gov

Measures 6.7 x 8.6 x 2.2 inches, weight approx. 2.8 lbs.

Book Port DT: 1-07200-00.....\$423.00 + shipping



**Removable
"mask"
for simpler
controls**



Optional Items (no Quota funds for these two items)

Digital Talking Book Cartridge, Blank: 1-02610-00.....\$12.00

USB Extension Cable, 3 ft.: 1-02612-00.....\$5.00

Replacement Items

AC Adapter: 1-07201-00.....\$36.00

Nickel-Metal Hydride

Battery: 1-07202-00.....\$38.00

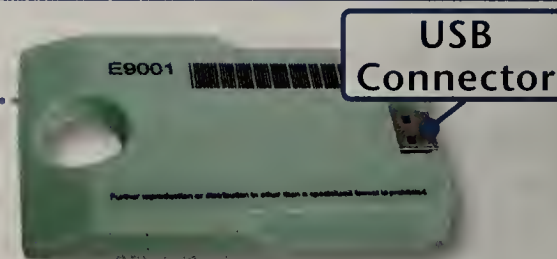
User's Guide, CD-ROM: 45-001-000.....\$8.00

Carrying Case: 45-001-001.....\$47.25

Mask Cover: 45-001-003.....\$25.45

Digital Talking Book Cartridge

This blank cartridge is for use with the National Library Service (NLS) Digital Talking Book Players.



Features

- Connect this cartridge to your PC via a USB cable (purchased separately) to download NLS books (you must be an authorized NLS user). The cartridge can then be disconnected from your PC and plugged into an NLS digital player to play back the downloaded material.
- Large capacity: this 4GB blank cartridge will hold approximately 20 NLS Talking Books or hundreds of Daisy Text Files. Cartridge is green in color.

Also available are Digital Cartridge Mailers that hold one cartridge for storage or mailing. Has a slot for a mailing label. Embossed: "Free Matter for the Blind or Handicapped".

For more information about NLS digital talking books, <http://www.loc.gov/nls/digital.html>

Digital Talking Book Cartridge, 4GB (Blank): 1-02609-00.....\$13.00

NOT available with Quota funds.

*Cartridge inside mailer
(each sold separately)*

Related Products (*NOT available with Quota funds*):

Digital Cartridge Mailer: 1-02611-00.....\$2.50

USB Extension Cable, NLS Cartridge to PC Connection (3 ft.): 1-02612-00.....\$5.00



Container Opening Tool

Use this handy tool to quickly pop open the straps of NLS plastic mailing containers, as well as APH's Cassette Container or Digital Cartridge Mailer/Container.

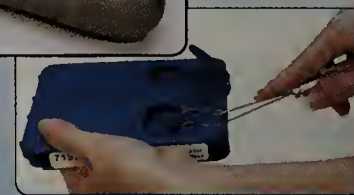
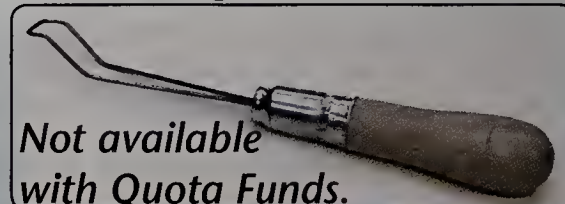
Includes wood-handled tool and a print/tactile diagram.

Container Opening Tool: 1-00500-00.....\$8.00

Related Products (*NOT available with Quota funds*):

Digital Cartridge Mailer: 1-02611-00.....\$2.50

Digital Talking Book Cartridge, 4GB (blank): 1-02609-00.....\$13.00



USB Charger, 2 Amp

Handy USB wall charger may be used to charge several APH products. Works with the USB cables that are included with these devices. This wall charger accepts a Standard A USB plug. Power output is 2 amps. This unit also charges many commercial devices that recharge via USB cable.

USB Charger: 1-03966-00.....\$32.00



*Stereo
Headphones*

*Both include
volume
control.*

PrivatePhones



Stereo Headphones

Compatible with APH technology products. A stereo to mono adapter plug is required to use these headphones with older monaural players.

PrivatePhones (3.5 mm plug): 1-07088-00.....\$21.00

Stereo Headphones (3.5 mm plug): 1-18986-01.....\$14.50



Visual Brailleur (for iPad) **UEB**



The *simple* braille editor! Visual Brailleur™ is a brailewriter app for your iPad®, and it has a place in every braille transcriber's toolbox. It displays a traditional six-dot keyboard and simulated braille on your iPad screen. You can edit and save your work, which makes Visual Brailleur perfect to use for on-the-go practice for NLS certification exercises. Visual Brailleur supports any code you wish to use, because it makes no assumptions about what you are writing. Use it to help learn new codes, such as Unified English Braille (UEB), and record your progress.

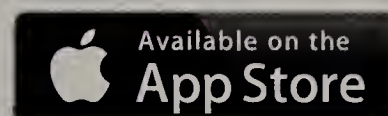
For transcribers who are blind, Visual Brailleur also works with Bluetooth refreshable braille displays with keyboards, such as APH's Refreshabraille 18.



Features

- 6-dot braille on-screen keyboard
- Support for any and all 6-dot braille codes
- An indefinite number 40-cell braille lines
- Cut, copy, and paste braille manipulation
- Compatible with refreshable braille display input and output devices
- BRL (unformatted) and BRF (formatted) braille file export

Visual Brailleur is FREE and available on the App Store at <https://itunes.apple.com/app/visual-brailleur/id888739587>



Braille Badges **UEB**



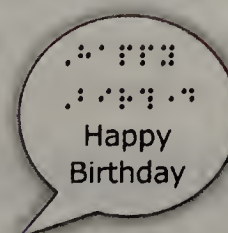
APH Braille Badges are available for FREE on the App Store® for iMessage®! This fun, accessible sticker pack is great for sharing. Download them to your iOS device!

A Few of the Many Stickers Include

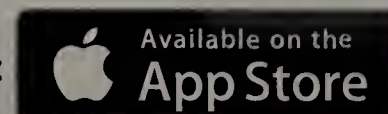
- Simulated braille stickers
- Poncho the dog guide
- Braille superhero
- Holiday-themed stickers
- Animated walking cane

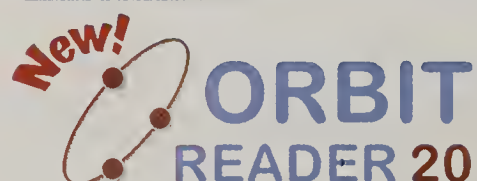
New stickers added in February, 2017 include: animated exclamation point and question mark, Valentine's Day, St. Patrick's Day, Easter, 4th of July, Talk Like A Pirate Day, Halloween, Veteran's Day, Thanksgiving, and more!

How to Use After downloading: within the Messages app, look for these stickers under the "Message Apps" button (the button containing the capital "A" shape) in your text message screen. You may need to open the "apps drawer" using the four-dot icon at the lower left of the screen to see Braille Badges. Enjoy these stickers and look for additional stickers in the future!



Braille Badges, Sticker Pack is FREE and available on the App Store at: itunes.apple.com/us/app/braille-badges/id1173603989?ls=1&mt=8





A Low-Cost, High-Quality Breakthrough for Refreshable Braille!



The Orbit Reader 20™ unit combines simplicity, functionality, and connectivity in a *refreshable braille display* priced at a fraction of the cost of similar devices! Made possible by the Transforming Braille Group, LLC (TBG), a consortium of world-wide blindness organizations.

The Orbit Reader 20 Offers Stand-Alone and Remote Capabilities

Though feature-rich, the Orbit Reader 20 is simple to use and allows switching between the different functions seamlessly. Its **Stand-Alone capabilities** include reading, writing, and file management. Orbit Reader 20 starts as a reader displaying the content of files stored on the SD™ card. The youngest readers find it easy to get the next line of braille by pressing a Panning key. For more advanced users, Orbit Reader 20 provides searching, bookmarking, and note taking capabilities. In addition to its use as a reader, Orbit Reader 20 lets the user create and edit braille.



In **Remote mode**, the Orbit Reader 20 becomes a terminal that displays the braille for apps running on a phone, tablet, or PC. It works via **Bluetooth®** wireless technology with iOS and Android™ devices and through USB or Bluetooth for Windows®, Mac®, and any other operating systems that include a screen reader with braille support. In the USB configuration, Orbit Reader 20 supports both serial and human interface device (HID) protocols. This means that if the screen reader supports it, no driver installation is required.

Features

- 20 eight-dot refreshable braille cells
- Signage-quality braille
- Eight Braille Input keys and Space bar
- Micro-B USB charging port
- SD card slot
- Two Panning keys
- Bluetooth
- User-replaceable, rechargeable batteries
- Navigation pad with four directional buttons and the Select button

Includes

- Orbit Reader 20 unit
- Standard-A to Micro-B USB cable
- AC adapter
- SD card with User Guide and content (installed in unit)
- Braille and Print Quick Start Guides
- One-year limited warranty

Orbit Reader 20: 1-07419-00.....\$449.00 + shipping

Replacement Item:

Lithium-ion 2200 mAh Battery: 45-095-002.....\$39.90

SHIPPING CHARGE

All shipments will incur actual UPS shipping rates based on the destination.

Optional Item:

Extended Warranty Available from Orbit Research, please contact Orbit within 30 days of purchase: **888-606-7248** or **sales@orbitresearch.com**

Note: Carrying case available from Orbit Research:

www.orbitresearch.com/or20

Refreshabraille 18 **UEB**

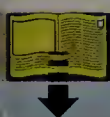
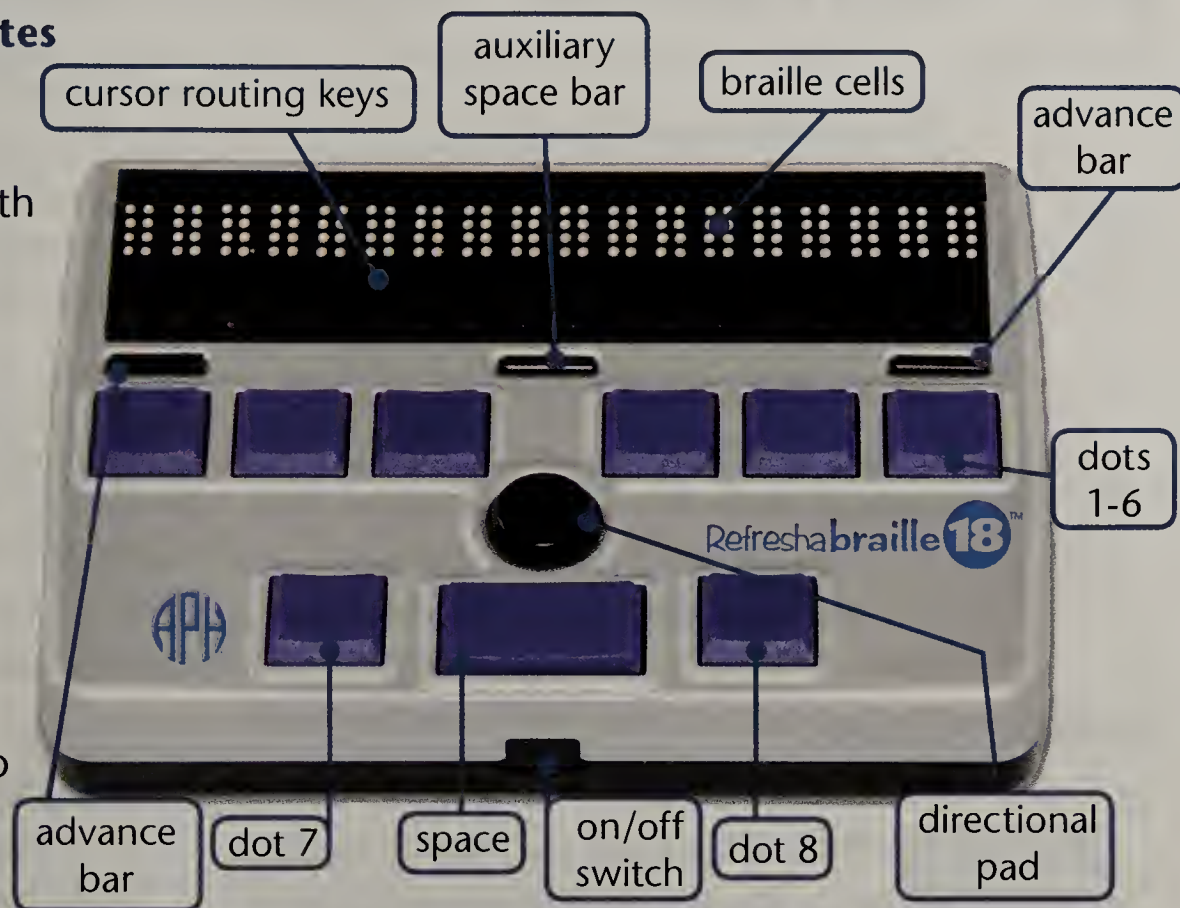
This unique handheld refreshable braille display and braille keyboard for mobile and desktop devices connects via USB or Bluetooth®. Supports all screen readers that include braille support.

Access Other Equipment

Refreshabraille is a device designed to be used with other equipment. It provides the "screen" and keyboard for another device. The device must have software to communicate with the Refreshabraille.

Refreshabraille 18, Version 3 Updates

- Choose secure or simple Bluetooth pairing. Simple pairing lets the Refreshabraille automatically pair with any device you initiate pairing on while secure requires that a code be confirmed on both devices before pairing can take place
- Reversing the advance bars lets you advance with your left hand while reading with your right hand
- More ergonomic ridged space bar
- Uses industry standard micro USB which is easier to plug in and also to replace if lost



Refreshabraille 18, v3:

1-07445-02.....\$1,695.00 + shipping

Refreshabraille 18 *IS* available with Quota funds.

SHIPPING CHARGE

All shipments will incur actual UPS shipping rates based on the destination.

Optional Items:

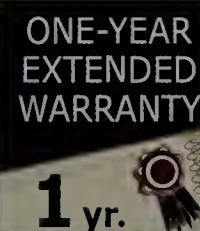
USB Charger (2 Amp): 1-03966-00.....\$32.00

One-Year Extended Warranty: 1-07446-00.....call customer service 800-223-1839.

Note: The Extended Warranty must be purchased within 90 days of purchasing the Refreshabraille 18.

Refreshabraille 18 Extended Warranty Available!

Your Refreshabraille 18 unit includes a warranty against manufacturer defects for one year from date of purchase. An APH Extended Warranty Protection Plan is available to protect you from costly repairs for one additional year. **ACT NOW! IT IS IMPORTANT TO ACT NOW BEFORE THE END OF YOUR FIRST 90 DAYS OF OWNERSHIP.**



APH Software System Requirements

All requirements listed are at minimum. All Windows® software requires a sound card and speakers, and a CD-ROM drive.

Find detailed software purchasing instructions in the "How to Order" section, pg. 209.

Download APH Software Demos at tech.aph.org

Book Wizard Reader and Producer Software

Book Wizard software is available from APH in two versions: Reader and Producer.



Book Wizard Reader

Book Wizard Reader™ lets you read a wide variety of types of digital talking books as outlined in the specifications designed by the National Information Standards Organization (NISO) and the Digital Audio Information System (DAISY) consortium.



Book Wizard Producer

Book Wizard Producer™ has all the features of Reader, but adds the ability to create digital talking books on your PC. The program adheres to the DAISY/NISO 2002 definitions and provides users with enhanced ability to control and navigate through both structured and unstructured audio files. Producer is compatible with source input of either a narrator who reads directly into the program or an imported audio file created from another source.

Producer Features

- Create DAISY/NISO 2002 Digital Talking Books
- Create any of six kinds of DAISY books
- Create an audio book from text
- Accessible media producers can create specialized formats (such as braille) from NIMAS and other file formats
- Edit Digital Talking Books

Book Wizard Reader

CD-ROM: D-03531-00.....\$49.00

Digital Download: D-03531-ED.....\$39.00

Book Wizard Producer

CD-ROM: D-03530-00.....\$200.00

Digital Download: D-03530-ED.....\$200.00

A Wealth of Information at www.aph.org

Find a wealth of information about APH products, services, and programs at the APH website!

Find Information About:

- Product manuals
- Product webcasts & videos
- Textbook ordering
- Custom tests
- Fred's Head Blog highlights
- APH's Louis Database
- Federal Quota Program
- Cortical Visual Impairment
- Tour & Museum
- So much more!



Expanded Core Curriculum: Career Education and Transition

Career Education

Career education, as a part of the expanded core curriculum, should begin in the earliest years to give learners of all ages who are visually impaired the opportunity to learn firsthand about the variety of work people do. It will give the student chances to explore strengths and interests in a systematic, well-planned manner. Unemployment and underemployment are leading problems facing adults with visual impairments in the United States, making this portion of the expanded core curriculum vital to students.

APH Products Related to Career Education and Transition

The following list contains examples of APH products that can help your students explore strengths and interests in a systematic, well-planned manner.

Adapted Practice Checkbook pg. 166

Helps students learn vital money handling skills.

Going Places: Transition Guidelines pg. 82

A resource guide for teens and young adults that promotes independent physical activity.



JAWS and MAGic Student Edition pg. 148

Gives students 24-hr access of JAWS and MAGic software on their school and home computers.

Money Talks Software pg. 166

A completely accessible bank account management software package.

PATTER: Preschool Attainment pg. 19

This curriculum and assessment tool breaks down an everyday activity into its component parts and allows for measurement of a child's level of participation during each step.

Quick & Easy Expanded Core Curriculum: The Hatlen Center Guide pg. 157

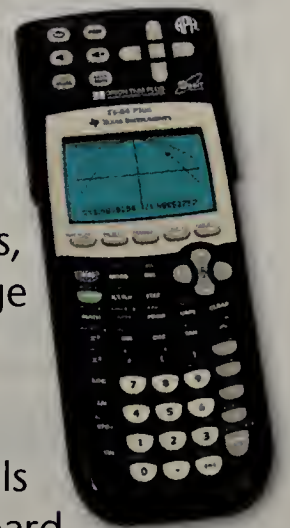
Lessons address the most common gaps found within the visually impaired student population.

Reach for the Stars, Planning for the Future pg. 18

Guidebook about transitioning young children into preschool or kindergarten settings.

Orion TI-84 Plus Talking Graphing Calculator pg. 49

Recommended for Algebra 1&2, Geometry, Statistics/AP Statistics, Pre-Calculus, Calculus/AP Calculus, Trigonometry, Physics, and College Math.

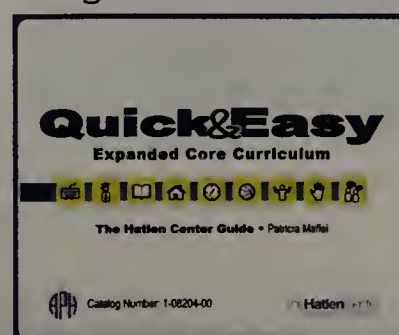


Talking Typer pg. 95

Learn to type or improve your skills with drills, practice lessons, keyboard explorer, and an entertaining game.

The Wilson Digital Voice Recorder pg. 162

A digital voice recorder that helps keep you organized.

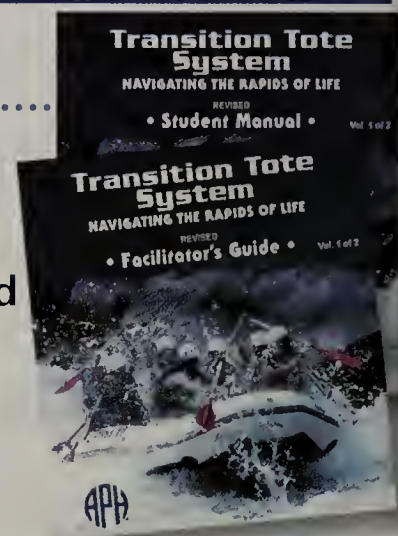


Transition Tote System "Navigating the Rapids of Life"

Transition Tote materials teach middle school, secondary, and transition students with visual impairments essential skills for learning about themselves and the world of work. This includes seeking, obtaining, and keeping jobs. In addition to seven new lessons and the custom designed backpack, this kit includes updated descriptions of technology, revised resource and reference materials, and an updated *Facilitator's Guide*.

Braille materials and other items sold separately include:

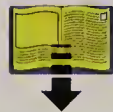
- *Student Manual* (3 volumes) in braille, audio CDs, and electronic format
- *Facilitator's Guide* (2 volumes) in braille, audio CDs, and electronic format
- Transition Tote Backpack
- Clipboard (as a replacement part)
- Package of Print/Braille forms



Transition Tote System, Large Print Kit: 1-08210-00.....\$262.00

Optional Items

Student Manual, Braille: 5-08210-00.....\$129.00



Facilitator's Guide, Braille: Free Download

Replacement Items

Student Manual, Large Print: 7-08210-00.....\$88.00

Facilitator's Guide, Large Print: 7-08211-00.....\$90.00

Braille and Large Print Forms: 7-08212-00.....\$16.00

Transition Tote Backpack: 1-08211-00.....\$68.00

18x12 inches

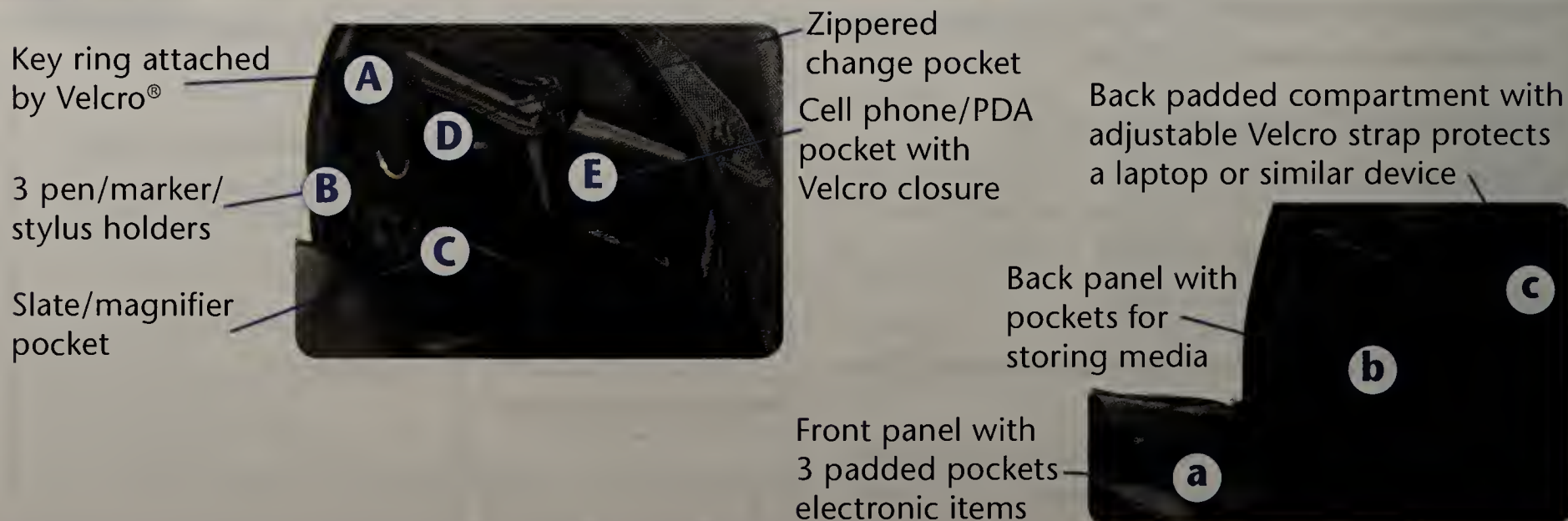


Includes the Transition Tote Backpack

Transition Tote System Backpack

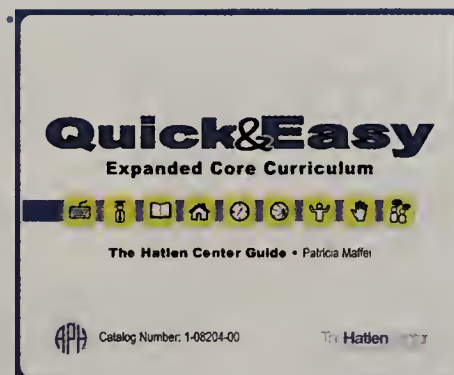
This attractive, sturdy backpack is a perfect solution for organizing and transporting equipment and tools used by students and professionals. Designed to serve the changing needs of persons with visual impairments as they proceed through school, transition & vision rehabilitation programs, and into the adult world.

Transition Tote System Backpack: 1-08211-00.....\$68.00



Quick & Easy Expanded Core Curriculum: The Hatlen Center Guide

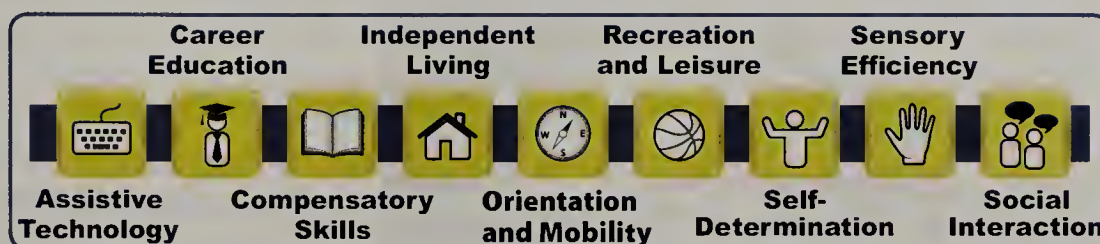
Designed for transition students who are visually impaired. The included lessons were chosen to address the most common gaps found within this population and require little time, expertise, or equipment to implement by the educational team and family members. The lessons, categorized by setting (home/school or community), are intentionally designed to be completed in 5–15 minutes. They are not designed to replace a comprehensive program addressing the ECC.



Each ECC lesson card is printed on durable paper stock and 3-hole punched for convenient storage in a custom-made binder. Visual icons within a color identification bar (blue for "At Home or At School" and red for "In the Community") indicate ECC area(s) addressed by the lesson. Needed materials are listed in a different color bold font.

Quick & Easy ECC Kit Includes:

- Binder with 142 lesson cards
- CD-ROM with accessible files: Quick & Easy ECC:
 - Binder contents (.brf)
 - Matrix (.brf and .pdf)
 - Checklist (Microsoft Excel)



Note: The entire binder contents are only available as a braille ready format (.brf) file.

Recommended ages: Middle and high school transition students.

Quick & Easy Expanded Core Curriculum: 1-08204-00.....\$46.00

Color identification bar & border

Bold font indicates materials needed

Icons indicate ECC areas

1 Cooking & Food

Goal: The student will learn to explore plastic food storage bags.

Link it: To the student's lunch or types of bags the family uses

- Show the student a **variety of plastic storage bags**. Include different sizes, closures, and thicknesses. Have the student choose one type of bag.
- Teach the student to close and then open the bag. Discuss why food needs to be covered.

Follow-up: Try other types of bags. Discuss ease of use, sturdiness, uses for different sizes and thicknesses. Which does the student prefer?

Try it: Place a small amount of leftovers on a plate with no cover and put it in the refrigerator. Place another small amount of the same leftovers in a plastic storage bag. Feel and smell the differences over a few days.

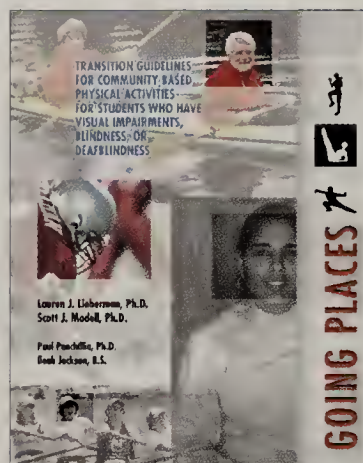
ECC lesson card

Expanded Core Curriculum: Self-Determination

Self-Determination

This area of the Expanded Core Curriculum highlights the importance of believing in oneself, while understanding one's abilities and setting realistic goals. Students learn from successes and failures on how to achieve their goals in life. Self-determination is the ability for people to control their lives, reach goals they have set, and take part fully in the world around them.

APH Products Related to Self-Determination



***Going Places: Transition Guidelines* — pg. 82**

A resource guide for teens and young adults that promotes independent physical activity.

***Loving Me: A Guide to Creating and Presenting Workshops on Self-Esteem* — pg. 178**

Explore self-esteem in a workshop format.

***PATTER: Preschool Attainment* — pg. 19**

This curriculum and assessment tool breaks down an everyday activity into its component parts and allows for measurement of a child's level of participation during each step.

***Quick & Easy ECC: The Hatlen Center Guide* — pg. 157**

Lessons address the most common gaps found within the visually impaired student population.

***Reach for the Stars, Planning for the Future* — pg. 18**

Guidebook about transitioning young children into preschool or kindergarten settings.

***Reclaiming Independence* — pg. 161**

Video/resource guide will help you successfully use rehabilitation and transportation resources.

***Sensory Learning Kit* — pg. 27**

A kit for use in the development of skills for learners with the most significant challenges.

***Teen Scene: Portraits of Success Video* — pg. 124**

Starring four teenagers with low vision, this DVD explores being successful, self-advocating, dating, playing sports, and achieving in school or on the job.

***Transition Tote System* — pg. 156**

Helps teach middle school, secondary, and transition students essential skills for learning about themselves and the world of work.



Students Who Are Deafblind Using APH Products Homegrown Video

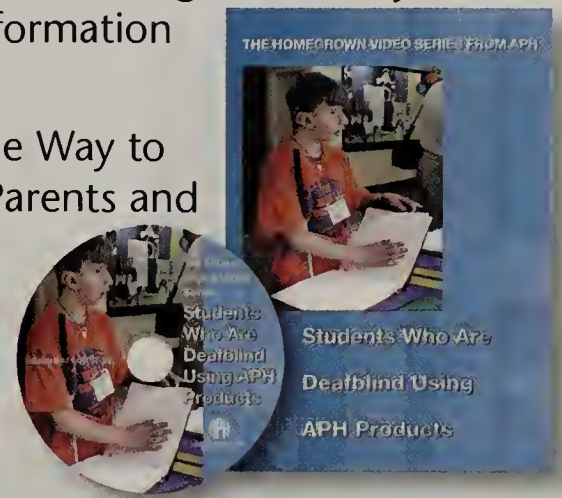
This video in APH's *Homegrown Series* features four students who are deafblind, ages 2 to 15 years, using various APH products in home and school settings. It provides information about how students may benefit from the use of APH products.

Watch students interacting with various APH products, including *On the Way to Literacy* books, *Web Chase* game, *Rib-It-Balls*, and the *Perkins Brailier*. Parents and teachers talk about their children's benefit from APH products.

Running time: approx. 20 minutes. Closed Captioned.

Students Who Are Deafblind Using APH Products

Video: DVD: 1-30017-DVD.....\$10.00



Getting to Know You: A Social Skills/Ability Awareness Curriculum

The *Getting to Know You* kit is designed for VI teachers, O&M specialists, other related service personnel, general education teachers, and families.

Lessons can be initiated at lunch or during classroom free time and take 30-45 minutes to complete so that interference with academic activities is limited. Each lesson contains a clearly stated objective, skills addressed, an introduction, a list of materials needed, and a step-by-step explanation of the activities. An icon at the top of each page identifies whether a lesson is about social skills, ability awareness, or a combination of the two.



Kit also includes the APH Innovations Tote Bag

The *Getting to Know You* curriculum is divided into three groups: kindergarten through second grade, third through fifth grade, and middle/high school.

Getting to Know You: A Social Skills/Ability Awareness Curriculum: 1-08052-00.....\$276.00



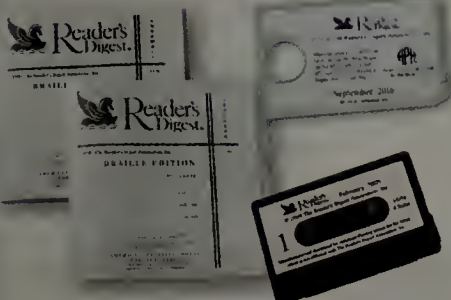
WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without adult supervision.

Replacement Items:

Guidebook, Large Print w/CD-ROM: 61-163-025.....\$35.65

APH Innovations Tote Bag: 4-66001-01.....\$24.00

APH offers Accessible Editions of these Magazines!



Reader's Digest® braille, cassette, digital flash cartridge, and download



Scholastic News® (formerly *Weekly Reader®*) in braille and large print

Newsweek® cassette and download



www.aph.org/devel/magazines/

Expanded Core Curriculum:

Daily Living and Social Interaction

Independent Living Skills

This area, often referred to as daily living skills, consists of all the tasks and functions people perform, according to their abilities, in order to live as independently as possible. These curricular needs are varied and include skills in personal hygiene, food preparation, money management, time monitoring, and organization.

Social Interaction Skills

Blind and visually impaired individuals learn social interaction skills through careful, conscious, and sequential teaching. Instruction in these skills is such a fundamental need that it can often mean the difference between social isolation and a satisfying and fulfilling life as an adult.

Section Index

Adapted Practice Checkbook.....	166	Making Picture Recipes	164
APH Signature Guide.....	166	MiniBook Braille Quick-Note Products.....	161
Braille DateBook.....	161	Money Handling & Budgeting	166
Colorino Talking Color Identifier.....	162	Money Talks Software	166
ColorTest II.....	162	<i>Reclaiming Independence</i> Video	161
EZ		REVISED! Push Button Padlock	166
Fill Pouring Aid.....	164	Tactile Clothing Tape	163
Test Battery Tester	163	Talking	
Track Organizational Products	165	Calculator.....	166
<i>Labeling, Marking, and Organization: A Self-Help</i>		Cooking Thermometer	164
<i>Guide for Persons After Vision Loss</i>	167	The Wilson Digital Recorder	162
MagneTachers Magnetic Labels.....	168	Zeitgeist.....	162

Daily Living and Social Interaction Related Products

Brailleable Labels and Sheets.....	86	ReadWrite Stands.....	98
Braille Badges	151	RollBuster and RollBuster II	124
Braille Folders, Binders, Notebooks.....	119-120	<i>Students Who Are Deafblind Using</i>	
Feel 'n Peel I and II Stickers.....	89	<i>APH Products</i> Video.....	159
Getting to Know You	159	Transition Tote Backpack	156
MiniGuide U.S.	142	Video Mag HD.....	126
Plastic Binder Envelopes for Braille.....	119	VisioBook.....	123

MiniBook Braille Quick-Note Products

Jot down small bits of information quickly! When a friend gives you a phone number or a clerk tells you the total of your debit card purchase, you need to get to your braille writing materials *fast*!

Materials are sold separately:

- **MiniBook Slate with Styluses:** This tiny slate has four lines, 15 cells per line. The cells have side indentations, making it easy to find the dot you want to make. It comes with three styluses: saddle, tall flat, and short flat. Choose the one that fits your hand most comfortably.
- **Mini Spiral Notebook (2-pk.):** The Mini Spiral Notebook includes 50 pages perforated for easy removal. Fasten the slate to the first blank page, then when you pull the notebook out of your pocket, you're ready to write!



MiniBook Braille Quick-Note Products:

MiniBook Slate with Styluses: 1-07850-00.....\$12.00

Mini Spiral Notebook (2-pk.): 1-07853-00.....\$8.00



Note: Find additional braille writing products on pgs. 110-112, 115-118.

Braille DateBook

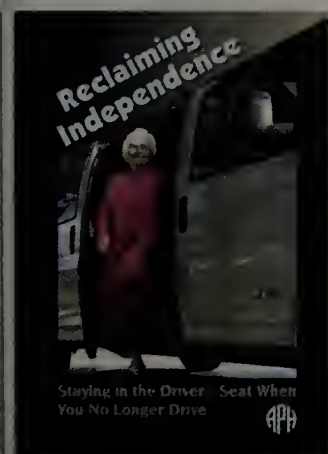
An attractive planner-organizer designed specifically for braille users! Binder with pockets, 250 sheets of paper, tabbed calendar pages, blank tabs, and stylus.

Recommended ages: 11 years and up.

Braille DateBook 2018: 1-07899-18.....\$81.00

Optional Item: Additional Filler Paper and Tabs: 1-07897-00.....\$13.00

Replacement Item: Calendar Pages, 2018: 1-07898-18.....\$19.00



Reclaiming Independence:

Staying in the Driver's Seat When You No Longer Drive Video

Useful for both individuals and professionals, this video/resource guide will help you successfully use rehabilitation and transportation resources. Real people share their stories as they make the transition from driver to non-driver.

The DVD features additional material, including a narrated version of the Resource Guide. Menus are spoken aloud. Included Resource Guide is in large print and on CD-ROM. Closed captioned.

Reclaiming Independence DVD: 1-30020-DVD.....\$30.00



Optional Item: Resource Guide, Braille: 5-30020-00.....\$69.00

ColorTest II: Talking Color Analyzer for People Who Are Blind or Colorblind

ColorTest II is a hand-held device that helps the user distinguish colors independently. It has hundreds of uses at home, work, or school, including selecting your own wardrobe; determining if fruit is ripe; and distinguishing colored folders and forms.

ColorTest II: English: 1-03951-00.....\$813.00 + shipping

ColorTest II IS available with Quota funds.

ColorTest II is about the size of a remote control. It can sense over 1,000 shades of color!



SHIPPING CHARGE

All shipments will incur UPS shipping rates based on the destination.

Colorino Talking Color Identifier

This simpler talking color identifier is a small, hand-held unit that is simple to operate using only two buttons. The Colorino can detect more than 100 nuances of color and be used as a light detector.

Uses 2 AAA batteries (*included*) and comes with a carrying case; cassette, large print, and braille "quick start" instructions; and a one-year warranty.

Colorino, English: 1-03955-00.....\$213.00

Not available with Quota funds.



Zeitgeist Talking Time Machine

This hand-held device combines a number of time-related functions and speaks through its speaker or headphones (*not included*). Fits in pocket or carry around neck on attached lanyard, uses 2 AAA batteries (*included*). A Spanish edition is also available.

ZeitGeist IS available with Quota funds.

ZeitGeist,

English: 1-03974-00.....\$106.00

Spanish: 1-03974-SP.....\$106.00



The Wilson Digital Voice Recorder, v6

Digital voice recorder has up to 12 hours of continuous recording time. Includes a mono earpiece, and removable clip for clipping to your belt, visor, or purse. Version 6 features a CM (Check Messages) button to know how many messages are stored on the device.

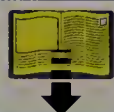
Measures 2 x 3 x 0.5 inches. Requires 2 AAA batteries (*not included*).

The Wilson Digital Voice Recorder,

Ver. 6: 1-03993-04.....\$39.95

Not available with Quota funds.

Note: The Wilson digital recorder is not related to the Wilson Reading System product.



Note: The Wilson Recorder instructions are available free-of-charge as text files on our downloadable manuals page: **www.aph.org/manuals/**

Tactile Clothing Tape

Allows braille readers to keep colors and other information about their clothing and linens exactly where they need it: attached to the item and ready to be read. The brailled information remains clean and readable after going through automatic washers and dryers, and even holds up under an iron as long as a layer of fabric is kept between the iron and the label!

Persons who participate in sports or other activities in which they change into uniforms or bathing suits, persons attending a summer camp, or anyone who must identify clothing if it becomes mixed with clothing belonging to others may find braille name labels helpful.

Includes:

- Two 120-inch rolls of 1/2 inch wide tape
- Two packs of sturdy quilting safety pins
- Braille and print instructions

To Make Labels:

- Use braille label marker or braille slate with slots for labeling tape (*not included*)
- Braille desired info. on tape
- Leave approx. 1/2 inch of space on one end of tape for safety pin or on both ends for sewing
- Cut label off roll
- Pin or sew label to clothing or linens
- Keep label attached when item is laundered and/or ironed

Tactile Clothing Tape: 1-07420-00.....\$59.00



WARNING: This product contains safety pins. **DO NOT** use with children under 12 years unless directly supervised by an adult.

Related Product

Pocket Braille Slate Slotted for Labeling Tape: 1-00160-00.....\$69.00

EZ Test Battery Tester

APH offers two versions of the EZ Test Battery Tester:

- The Audible EZ Test reports battery status by beeps
- The Audible/Tactile EZ Test reports battery status by vibrations and beeps

A flexible testing wire allows for testing of 1.5 volt batteries, including AAA, AA, C, and D batteries. Also included are two contacts for testing 9 volt batteries.

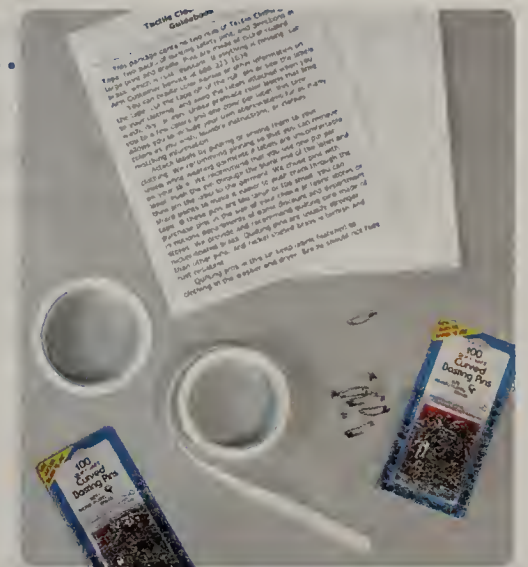
Measures 4.5 x 1.1 x 0.6 inches.

EZ Test Battery Tester:

Audio Feedback: 1-03968-00.....\$59.00

Audio/Tactile Feedback: 1-03969-00.....\$78.00

EZ Test IS available with Quota funds.



Talking Cooking Thermometer

Use this large-display talking thermometer for cooking, hobbies, gardening, and much more! It's a "must have" item to make everyday living easier! Use the built-in eyelet at the top to hang the thermometer within easy reach.

A Few Features:

- Speaks the temperature at a touch of a button
- Easy-to-read LCD Display
- Contoured design fits comfortably in your hand
- Automatically turns off after 10 mins. to maximize battery life
- Requires 2 AAA batteries (included)

 **Note:** This thermometer is not for medical use.

Talking Cooking Thermometer: 1-03992-00.....\$39.00

Not available with Quota funds.

Includes
cover
for metal
probe.

9.25"

Large 3/8-inch
digits, great for
low vision users!



Note: The Talking Cooking Thermometer instructions are available free-of-charge as text files on our downloadable manuals page: www.aph.org/manuals/



EZ Fill Pouring Aid

EZ Fill is a device that aids in filling containers. The aid hangs on the edge of the container, and when liquid fills to about one inch from the top, the device produces a signal, alerting the user. Uses three included LR44 button-type batteries, with an expected life span of about one year.

1-03970-00.....\$18.00

Not available with Quota funds.

Making Picture Recipes

Includes 257 bold-line illustrations of common foods and ingredients, cooking equipment, and cooking processes on 3 1/2 x 4 inch cards. These master cards can be combined and photocopied to depict multi-step recipes; the copies can be colored to correspond to actual items students will be using. Includes a card storage box with index tabs and an instruction manual.

Recommended for functional ages: 5 years and up.

Making Picture Recipes Kit: 1-03450-00.....\$84.00



Replacement Item: Manual: 7-03450-00.....\$19.00



EZ Track Calendar 2018



EZ Track Calendar: A Low Vision Appointment Book and Calendar

A systematic and organized way of keeping track of appointments, holidays, and other events.

Each large print page holds four days, with enough room to write notes and appointments. The calendar comes with a three-ring binder.

EZ Track Calendar 2018:

with binder: 1-07900-18.....\$TBA

inserts only, no binder: 1-07901-18.....\$TBA

EZ Track Address Book

Large print address book holds 208 addresses. Includes a plastic template for easy entry. Large alphabet tabs make names easy to find in the 3-ring binder.

EZ Track Address Book: 1-07910-00.....\$47.00

Replacement Item:

EZ Track Address Book Insert Pages: 1-07911-00.....\$27.00



EZ Track Medical Record Keeper

Large print organizational tool for keeping medical records. It provides a system for storing and organizing information on personal identification, medical history, insurance, medications, physicians, and other medical records.

This product is on non-glare paper, with 22-point black type. Includes a 3-ring binder, folders, and tab pages.

EZ Track Medical Record Keeper: 1-07930-00.....\$67.00

EZ Track Financial Record Keeper

Large print system for keeping track of information about banking, credit cards, utilities, income, taxes, insurance, mortgages, loans, investments, retirement plans, and much more! Information is stored in tabbed sections; labeled pages provide large spaces for writing. Stored in a 3-ring binder and includes large print Check Register, storage pouch, three storage folders, and a user's guide.

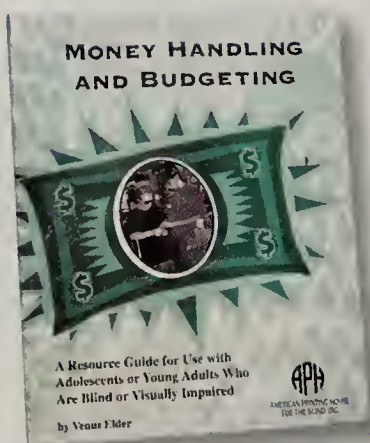
EZ Track Financial Record Keeper: 1-07920-00.....\$82.00

Replacement Items:

Check Registers (2-pk.): 1-07920-01.....\$21.00

Insert Pages only: 1-07920-02.....\$41.00





Money Handling and Budgeting

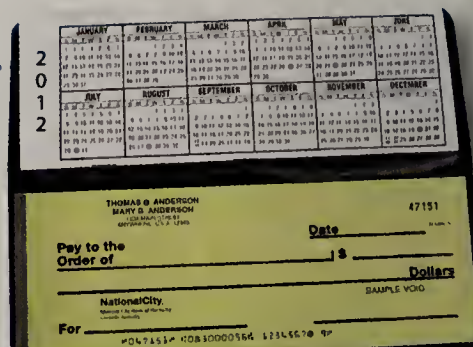
Resource guide with an adapted practice checkbook that helps students learn vital money handling skills.

Recommended ages: 11 years and up.

Money Handling and Budgeting:

Print: 1-83080-00.....\$42.00

Braille: 1-83081-00.....\$50.00



"Check" out our Money Talks™ financial management software.

Replacement Items:

Complete Adapted Practice Checkbook: 1-03501-00.....\$11.50

Bound Practice Checks/Deposit Tickets (5-pk.): 1-03502-00.....\$34.00



Money Talks Software

An accessible and flexible bank account management software package developed by APH that provides printing and braille

embossing of the check register, and writing checks in a variety of sizes and styles. A feature-rich program for computer users who are blind and visually impaired. Requires a PC running Windows® 7, 8.1, or 10.

Money Talks™

CD-ROM: D-03560-00.....\$49.00

Digital Download: D-03560-ED....\$39.00

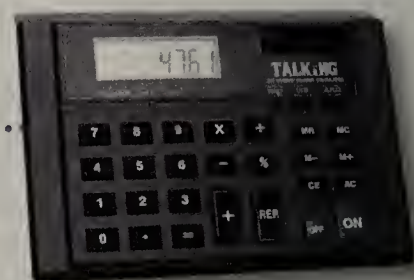
Talking Calculator

Provides audio feedback to a user, along with an oversized LCD display. This desktop model has the standard operations of addition, subtraction, multiplication, and division, in addition to a memory function. A "repeat" key speaks the last result.

Uses two "AA" batteries (*not included*).

Talking Calculator: 1-03971-00.....\$21.00

Not available with Quota funds.



Revised!

Push Button Padlock



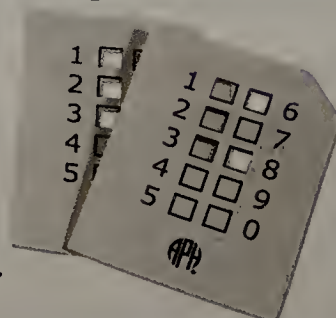
You can now have a combination that is accessible only to you. Each lock comes with two large print/braille cards listing the combination, along

with large print and braille instructions. Buttons eliminate the worry of losing a key. Just push five buttons and presto, you're in!

Push Button Padlock:

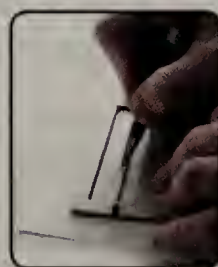
1-03990-01.....\$20.00

Not available with Quota funds.



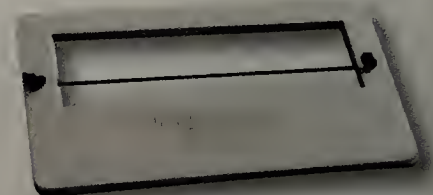
APH Signature Guide

This small, pocket-sized frame has an opening with an elastic band. The band provides a guide for writing and flexes to allow for the descenders of letters.



Guide is made of aluminum with a rubber backing to prevent sliding. Measures 4 1/2 x 2 1/4 inches.

Recommended ages:
8 years and up.



APH Signature Guide: 1-03530-01.....\$9.00

Labeling, Marking, and Organization: A Self-Help Guide for Persons After Vision Loss

If you are tired of opening apricots instead of tomatoes, wearing your navy shirt with black slacks, or floundering through files when trying to find your utility bill, then ***Labeling, Marking, and Organization*** may be the book you need! Written by Lisa-Anne Mowerson, a renowned vision rehabilitation therapist, it contains practice activities that help you develop new ways to identify items with labels you can no longer read. "Explorers" (fictitious persons who lost vision) are working through the book along with you, to keep you motivated and encouraged!

Vision rehabilitation therapists can use this book with accompanying recordings of the text on CDs as homework for their consumers – and consumers losing vision can use this book on their own.

Helps You:

- Clear out clutter
- Organize by using placement systems and organizers
- Identify items by using your non-visual senses and your remaining vision
- Develop your own tactile, visual, and/or auditory labeling system
- Select the label or mark that will fit the task
- Stay in charge of your labeling system

Learn to Mark or Label Items You Can't Identify:

- Food (frozen, canned, boxed)
- Clothing and accessories
- Cleaning supplies
- Medications, personal grooming products
- Paperwork, credit cards, keys
- Hobbies, games, crafts
- Remotes, DVDs, CDs, TVs, stereos

Includes

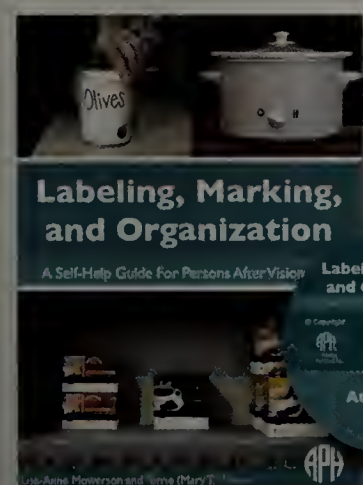
- Large print book with CDs (recording of book) or
- Braille book (3 volumes) with CDs (recording of book)

Recommended ages: 14 years and up.

Labeling, Marking, and Organization:

Large Print with CDs: 7-08870-00.....\$69.00

Braille with CDs: 5-08870-00.....\$85.00



Both the large print and braille editions include an audio recording of the book.



MagneTachers Magnetic Labels

MagneTachers are magnetic labels that attach to metal objects, are easily removable, and re-attachable! You can create labels in large print and braille. Instructions in print and braille included.

Uses include:

- Create, use, store, and reuse labels for canned goods
- Read, write, order, and re-order sets of words or numbers on a classroom magnet board
- Make labels for metal desks and file drawers that everyone can read

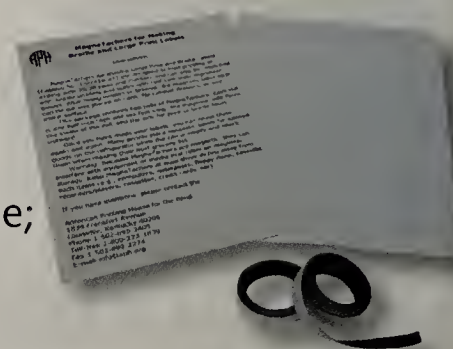


MagneTachers for Making Large Print Labels:

- Two rolls, each 120 x 1 inch
- Write directly on the smear resistant paper side
- Cut label from the roll and place on metal surface

MagneTachers for Making Braille/Large Print Labels:

- Two rolls, each 120 x 1/2 inch
- Emboss directly with braille labelers or using slates with 1/2 inch wide alignment guides
- Braille on non-magnetic side; vinyl coating helps braille dots stay firm
- Cut label from the roll and place on metal surface



MagneTachers Magnetic Labels for Making:

Large Print Labels: 2 Rolls, 1 inch high: 1-07418-00.....\$7.50

Braille/Large Print Labels: 2 Rolls, 0.5 inch high: 1-07416-01.....\$12.00

Video Contest

Be an Unforgettable APH Star!

APH periodically hosts a products video contest! Students, parents, teachers, administrators, rehab instructors, and customers are invited to shoot their own video demonstrating uses of their favorite APH products.

Judging

Videos are judged on the effectiveness of the message and the content. Show us how you use APH products in traditional and/or unique ways—be creative, teach us something new, and have fun!!

Prizes

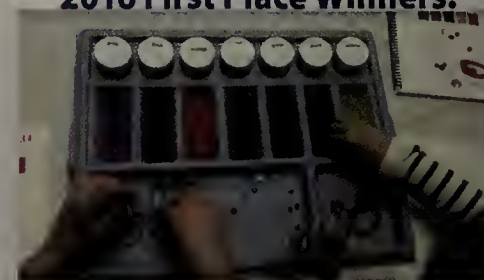
Cash prizes will be awarded to the top three videos.

Contest Information

Find out more about this exciting contest at: www.aph.org/contest



**Abbi and Avree,
2016 First Place Winners!**



Expanded Core Curriculum: Recreation and Leisure

Recreation and Leisure Skills

Many activities in physical education are excellent and appropriate for visually impaired students, but these students also need to develop recreational and leisure activities that they can enjoy throughout their adult lives. Recreation and leisure skills must be deliberately planned and taught to blind and visually impaired students and should focus on the development of life-long skills.

Section Index

Game Kit	171	Talking GlowDice	170
Games of Squares	173	Talking Word Puzzles Software	172
<i>History in the Making: Story of APH</i>	174	Touch 'em All Baseball.....	170
Scattered Crowns: Tactile Attribute Game	171	TREKS Game	173
Score Card Set	170	Web Chase Board Game	171
Slide, Twist 'N Solve	172	Wooden Junior Constructo Set.....	175
<i>SQUID Tactile Activities Magazine</i>	175	Word Quest Puzzles	172
Sudoku Partner 6x6	172		

Recreation and Leisure Related Products

APH Sound Balls.....	79	Magazines Available from APH	202
Armadillo Army Software	137	Paint Pot Palette.....	75
Book Port Plus.....	149	Picture Maker.....	145
Braille Badges	151	Portable Sound Source.....	80
Braille Beads.....	77	Quick-Draw Paper.....	93
<i>Brain Quest</i>	37, 61, 65	Rib-It-Balls.....	79
Bright Line Reading Guide.....	127	Tangle Toy	33
Color-by-Texture Marking Mats.....	76	Termite Torpedo Software.....	137
<i>Discovering the Magic of Reading Video</i>	24, 100	30-Love Tennis Kit.....	81
Games for People with Sensory Impairments.....	80	Toodle Tiles Software	137
<i>Gross Motor Development Curriculum</i>	82	<i>Time for Art</i>	75
The Joy Player	28	Walk/Run for Fitness Kit	81
Jump Rope to Fitness Kit	81		

Touch 'em All Baseball

Touch 'em All Baseball is easy to learn, and you may change the complexity for different levels of play. You'll need to be familiar with the basic rules of baseball for counting balls, strikes, and outs; for advancing runners; and for scoring, but you don't need a lot of baseball expertise to enjoy this game.

Includes

- A game board designed for tactual and visual contrast
- Player pieces backed with hook material
- A scorecard
- Two Basic and two Advanced game spinners
- An "Umpire Card"
- Game Rules and Variations in large print and braille

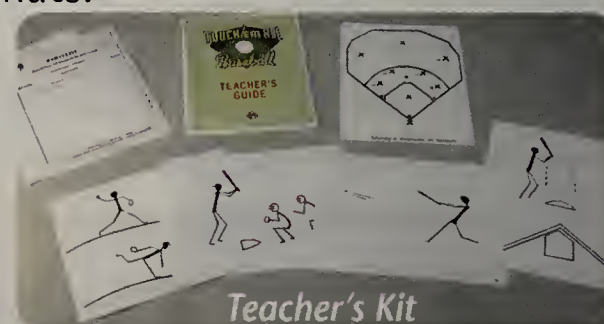
The Teacher's Kit (*sold separately*) provides suggestions for using Touch 'em All Baseball with students, not only to teach about baseball but to develop other skills. The Teacher's Guide is provided in large print and as a free download in accessible formats.

This kit includes a set of tactile/print "stick figure" diagrams, which illustrate the motions of pitching and batting along with some of the spatial arrangements that apply in baseball, and suggested physical activities that correspond to the images.

Recommended ages: 8 years and up.



Game Kit



Teacher's Kit

Touch 'em All Baseball

Game: 1-08101-00.....\$200.00

Teacher's Kit: 7-08101-00.....\$25.00



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without adult supervision.



Note: *Touch 'em All Baseball Teacher's Guide, Braille* is not sold by APH, but is available for download FREE of charge at: www.aph.org/manuals/



Score Card Set

Generic Score Card made of durable plastic. Has twenty "buttons" in two rows of ten. Push down on a button to register one event. Pop up buttons to clear. You can assign

one row as the "tens" row to keep track of up to 110 events.

Includes one yellow and one green card. Instructions in print and braille.

Recommended for all ages.

Score Card Set: 1-17001-00.....\$25.00



Talking GlowDice

Push the "Roll" button and a randomly generated number between one and six is announced in digital

speech, and the corresponding number is displayed in bright blue LEDs.

Takes four AAA batteries (*not included*).

Talking GlowDice: 1-07500-00.....\$33.00

PARTS Scattered Crowns: Tactile Attribute Game

A fun, versatile board game that encourages young children, especially those with visual impairments and blindness, to develop tactile skills. As players search for crowns with specific attributes they will practice: texture/shape/size discrimination, tactile memory, systematic searching skills, and spatial concepts.

Other concepts include counting, turn-taking, sorting/organizing, and social interaction skills. The game is conducive to playing classic "concentration" games using the crown pieces or user-constructed matching game pieces (e.g., basic shapes, braille words/letters, etc.)

Recommended ages: 5 and up.

1-08462-00.....\$249.00



WARNING: Choking Hazard—
Small Parts. Not intended for children ages 5 and under without adult supervision.



PARTS Game Kit

A collection of common game parts designed for use by players who are visually impaired and blind.

Parts can be used to play games from the included handbook, to adapt commercial games, or to create new games. Use to build social skills or to review school subjects.

Recommended ages: 5 years and up.

Game Kit: 1-08440-00.....\$239.00

Three generic game boards you mark



Book has nearly 100 unique games



WARNING: Choking Hazard—
Small Parts. Not intended for children ages 5 and under without adult supervision.

Replacement Item: Booklet, Print: 61-131-035

PARTS Web Chase

An originally designed board game by APH that is intended to develop important tactile skills within a fun, recreational context. As players navigate their hungry spiders through an insect-laden web, they learn to trace various raised lines, identify point symbols, and discriminate textures and shapes (of various prey).

Web Chase's combined visual and tactile presentation makes it accessible to all players regardless of visual ability.

Recommended ages: 5 years and up.

Web Chase: 1-08460-00.....\$259.00

Note: One-time application of Velcro® coins to the game board and lunch trays is required by the customer.



WARNING: Choking Hazard—
Small Parts. Not intended for children ages 5 and under without adult supervision.



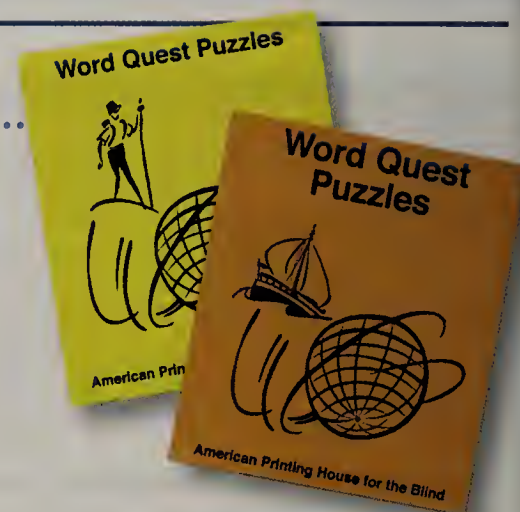
Word Quest Puzzles

This recreational/educational product presents classic "find-the-hidden-words-in-the-grid" puzzles in a large print format. Two sizes of letters are available to accommodate different users.

Word Quest Puzzles:

1/2 inch letters: 8-05101-00.....\$5.00

1 inch letters: 8-05102-00.....\$6.00



Talking Word Puzzles® Software

Create or solve hidden word and crossword puzzles in large print. As the player navigates through the puzzle, the program announces the contents of that square.

Recommended for all ages (dictated by the puzzles created).

Requires Windows® 7, 8.1, or 10.

Talking Word Puzzles:

CD-ROM: D-03440-00.....\$49.00

Digital Download: D-03440-ED.....\$39.00

Note: Find detailed software purchasing instructions in the "How to Order" section, pg. 209. Download APH Software Demos: www.aph.org/tech



Sudoku Partner 6x6

Sudoku Partner 6x6 is a portable, reusable board for setting up and solving 6x6 sudoku puzzles. It allows you to mark possible answers in each box to help you keep track of them, without hundreds of separate pieces.

Like a standard print sudoku puzzle, the board has an array of small and large rectangles. Each *block* (large rectangle) is made up of six *boxes* (small rectangles)—three boxes across and two boxes high. Tactually, the boxes are outlined in smooth raised lines and the blocks in heavier dashed lines.

Recommended ages: 10 years and up.

Sudoku Partner 6x6: 1-03719-00.....\$79.00

Slide, Twist 'N Solve: Tactile Brain Teaser

Have hours of fun challenging yourself or your friends while improving your sensory development and shape identification!

The attached pieces of this accessible puzzle easily slide and twist. Raised tactile patterns make it easy to identify various patterns; high contrast colors make it ideal for those with low vision. Compare your results to the solution key on the back!

Recommended ages: 6 years and up.

Slide, Twist 'N Solve: 1-03991-00.....\$16.00

Not available with Quota funds.

Attached
solution key
on the back.



Slide and twist to
scramble! Slide
and twist to solve!



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without adult supervision.

Games of Squares

Games of Squares accommodates a variety of common board games, as well as some original games. The 8x8 inch grid board and accompanying game pieces incorporate color contrast and distinctive textures and shapes that can be easily discriminated by children, students, and adults with visual impairments and blindness. Choose to play: Tic-Tac-Toe, Trading Places, Square It, Zigzag, Checkers, Lucky Roll, and Corner Chase.

Variations to the suggested games, as well as the creation of additional games by the teacher, parent, or student, are encouraged. Starter ideas and possible adaptations are provided in "Beyond X's and O's" within the Game Instruction booklet

Recommended ages: 5 years and up.

Note: One-time application of hook/loop material to the game grid, game tokens, and masking overlays is required of the customer.

Games of Squares: 1-08430-01.....\$236.00

Replacement Item:

Tactile Dice set, 7/8 inches: 61-137-027.....\$5.00



WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without adult supervision.



Optional Item: Instruction Manual, Print/Braille: 1-08430-01



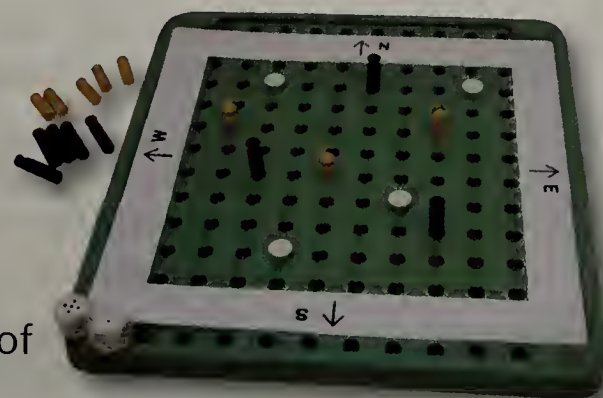
TREKS: The Game of Compass Directions

The goal of the game is to be the first player to move your pieces ("treksters") across the board from your home row into the opponent's home row. Change the game to make the play simpler or add rules to make it more complex.

After each move, you must announce the direction and the number of spaces moved by each trekster. If you forget to make this announcement, your opponent may undo your move!

Includes print/braille overlays and pieces to use for varying the basic game:

- One overlay with the four cardinal directions labeled and another with only a north arrow.
- One overlay with numbered and named streets.
- Buttons that serve as barriers to navigate.
- One overlay with the cardinal compass directions at the four corners of the square.
- Two blank overlays which you can add braille stickers to represent street names or numbers, blocks, landmarks, lines of latitude/longitude, etc.



Along with the above pieces, the kit includes a game board, tactually and visually contrasting treksters, rules and variations booklet in large print and braille, and a set of tactile dice.

Recommended ages: 8 years and up.

TREKS: 1-08910-00.....\$120.00



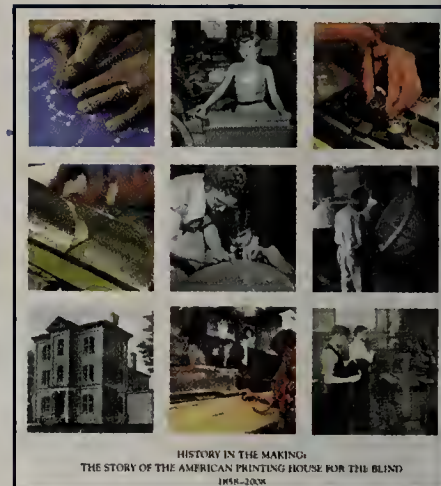
WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without adult supervision.

History in the Making: The Story of the American Printing House for the Blind, 1858-2008

A richly illustrated book celebrating the 150th anniversary of the American Printing House for the Blind, *History in the Making* explores how an organization with one printing press in borrowed space in a school basement grew to occupy most of a city block and became a national icon for generations of students, teachers, and adult consumers. Includes an audio book version CD, read by APH narrator Jack Fox.

Regular Print Edition: Features rich photography and reproductions of tactile pages embossed from vintage printing plates. Designed by nationally recognized graphic artist Julius Friedman.

History in the Making: The Story of the American Printing House for the Blind, 1858-2008
Regular print book w/audio edition CD: W-HISTORY-APH.....\$39.95 + shipping



SHIPPING CHARGE

All shipments will incur UPS shipping rates based on the destination.

Not available with Quota funds.

Be Inspired In Our Museum!

Learn the fascinating history of people with vision loss who took a leading role in their own education. Visit the unique **Museum of the American Printing House for the Blind** to celebrate the heroes of the blindness community. Explore accessible exhibits on: tactile alphabets, braillewriters, orientation and mobility, Talking Books, historic tools for teaching the core curriculum, and more.

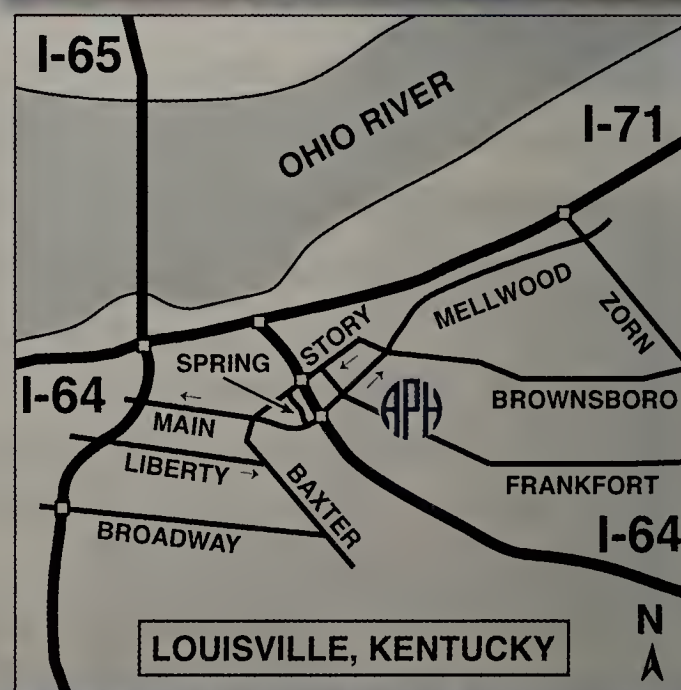
Guided tours of APH's one-of-a-kind factory are incredible! Observe braille production, recording of Talking Books, and a demonstration of educational products. Advance reservations are required for groups of 10 or more. **It's FREE!**

Museum Hours

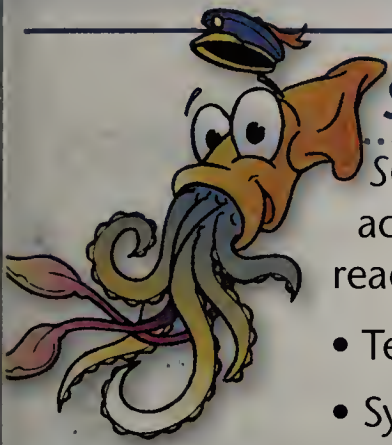
8:30 a.m. to 4:30 p.m. EST Mon.-Fri., and
10:00 a.m. to 3:00 p.m. on Sat., *except holidays*

Plant/Museum Tour Hours

10:00 a.m. and 2:00 p.m. EST Mon.-Thurs.,
except holidays, Tour length: approx. 1 1/2 hrs.



**For more tour information, contact the APH Public Affairs Dept.:
502-895-2405, ext. 242 or 1-800-223-1839.**



SQUID Tactile Activities Magazine

SQUID Magazine is deceptively fun: while your student enjoys a variety of activities, he or she will acquire skills needed to become a more proficient tactile reader. These puzzles, games, and brainteasers will foster:

- Texture discrimination
- Shape identification
- Pattern building & recognition
- Systematic searching
- Tracking line paths
- Understanding symbols



SQUID, Issue 1

Some activities:

- Lily Pad Hop
- All Arms
- Tic-Tac-Toe Grid

1-08862-01.....\$59.00



SQUID, Issue 4

Some activities:

- Beyond Castle Walls
- Don't Mis-State Me
- Money Tree

1-08862-04.....\$69.00

Note: Many of the tactile puzzles are reusable and are intended to grow with the child as he or she acquires new skills and tactile understanding.



SQUID, Issue 2

Some activities:

- A-maze Me!
- Crowded House
- Different is Best

1-08862-02.....\$74.00



SQUID, Issue 5

Some activities:

- Alligator Alley
- Favorite Season
- Mouse Trap

1-08862-05.....\$96.00



SQUID, Issue 7

Some activities:

- Daisy's Doodles
- Window Pain
- Ruff Maze

1-08862-07.....\$79.00

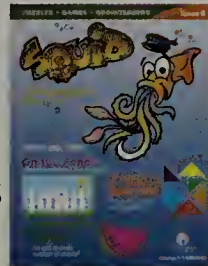


SQUID, Issue 3

Some activities:

- Ar-r-r-gh Matey!
- Falling Snowflakes
- Pizza Puzzler

1-08862-03.....\$79.00



SQUID, Issue 6

Some activities:

- Lucky Lady Bugs
- Snow Buddies
- On Top of Spaghetti

1-08862-06.....\$69.00

Recommended ages:
5 years and up.



PARTS Wooden Junior Constructo Set

Helps children develop creativity, problem solving skills, muscular coordination, manual dexterity, and construction concepts. Construct all types of structures using various lengths of hardwood which have been drilled with holes. Lengths are linked together with color-coded nuts and bolts.

Recommended ages: 4 years and up.

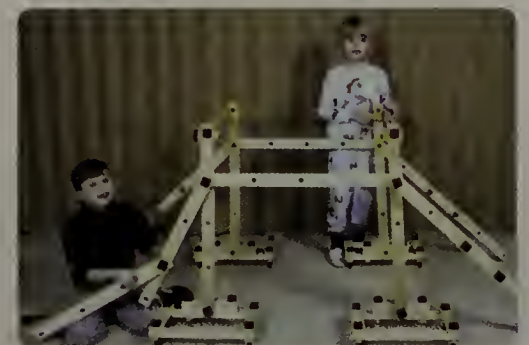
Includes:

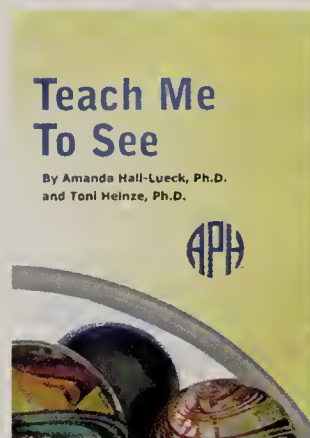
- Twelve red bolts and twelve yellow nuts
- Four right-angle joints
- Ten wooden lengths of various sizes

Constructo Junior: 1-03690-00.....\$199.00



WARNING: Choking Hazard—Small Parts.
Not intended for children ages 5 and under without adult supervision.





Videos

APH offers videos for purchase on a wide variety of topics. This is a complete list of videos in this catalog.

Online Videos

In addition, visit the APH website to view a growing selection of free-of-charge streaming video product guides. www.aph.org/videos

Videos

Title	Page
APH Homegrown Videos: This series offers brief overviews of various APH products:	
Note: All Homegrown Videos can be viewed online: www.aph.org/homegrown/	
<i>Crafty Graphics: Stencil Embossing Kit</i>	online only
<i>ENVISION I: For Distance Devices</i>	online only
<i>ENVISION II: For Near-Magnification Devices</i>	online only
<i>Lighting Guide Kit</i>	136
<i>Loving Me: An Overview</i>	178
<i>Picture Maker</i>	144
<i>Sensory Learning Kit</i>	27
<i>Students Who Are Deafblind Using APH Products</i>	159
<i>ToADaily Awesome! Your ToAD Questions Answered</i>	8
<i>Charge Syndrome Revisited</i>	16
<i>Child-Guided Strategies for Assessing Children who are Deafblind or have Multiple Disabilities</i>	16
<i>CVI Perspectives</i>	134
<i>Denver the Guide Dog</i>	144
<i>Discovering the Magic of Reading: "Elizabeth's Story"</i>	24, 100
<i>From Russia with Love and Care for Children with Sensory Impairment and Challenging Behaviors</i>	16
<i>Functional Vision: A Bridge to Living and Learning: Functional Vision Assessment</i>	15
<i>The Good Tactile Graphic</i>	107
<i>Hands-On Experience with the Cranmer Abacus</i>	60
<i>Reclaiming Independence: Staying in the Driver's Seat When You No Longer Drive</i>	161
<i>Teach Me to See</i>	124
<i>Teen Scene: Portraits of Success</i>	124
<i>VIPS Video Library from Visually Impaired Preschool Services</i>	31

resources for professionals

Resources for Professionals

Section Index

Braille Codebooks, NLS & BANA	181	Materials Carry-All	179
<i>Illinois Braille Series</i>	180	<i>Self-Esteem and Adjusting with Blindness</i>	178
Impressor Braille Business Card Embosser	179	Studio Recorder Software	178
<i>Loving Me</i>	178	<i>Teaching the Student with a Visual Impairment</i>	177

Resources for Professionals Related Products


APH InSights Art Calendar	182	Orion Talking Calculators:	
APHont: A Font for Low Vision	134	TI-84 Plus Graphing	49
Book Port Plus	149	TI-30XS MultiView Scientific	49
Book Wizard Software	154	QuickBraille Kit	115
Brailleable Labels and Sheets	86	Quick Check	97
Braille DateBook	161	Student Starter Pack	110
ENVISION I & II	125	Super-Sized Folders	119
EZ Track Series	165	Talking Calculator	166
Feel 'n Peel Reward Stickers	89	Teacher's Pet Software	9
Getting to Know You	159	Textured Paper Collection	91
Labeling, Marking, and Organization	167	Transition Tote Backpack	156
<i>Nemeth Code Reference Sheet</i>	56	VIPS@Home Parent Empowerment Program	25
Nemeth Tutorial	44	Video Mag HD handheld magnifier	126
		VisioBook	123
		Visual Braille (for iPad)	151

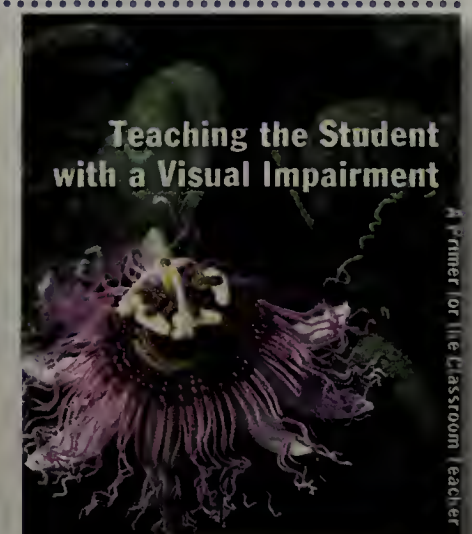
Teaching the Student with a Visual Impairment: A Primer for the Classroom Teacher

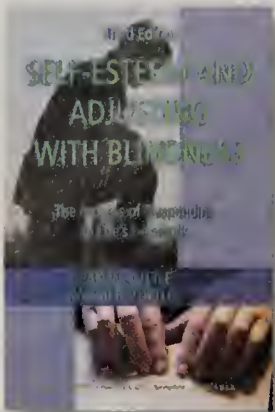
Teaching the Student with a Visual Impairment (TSVI) assists the all-inclusive classroom teacher in preparing for the unique educational needs of the student with low vision.

TSVI includes an extensive listing of agencies and organizations that serve persons with visual impairments and a materials tote with consumable forms for teachers, parents, and students.

TSVI manual, binder, consumable forms,
and CD-ROM: 1-08290-00.....\$95.00

 Materials Packet Only: 1-08290-01.....\$22.00





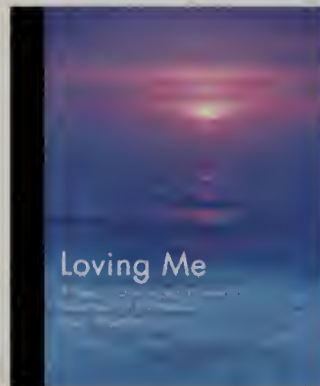
Self-Esteem and Adjusting with Blindness: The Process of Responding to Life's Demands, 2nd Edition

By Dean and Naomi Tuttle,
©1996

This classic book explores the development of self-esteem, attitudes toward blindness, and adaptability illustrated by biographies and autobiographies of people who are blind. It provides a clear and concise overview for professionals. It helps blind people examine their reactions, coping skills, and personal attitudes in order to live a positive and independent life. Print edition is 14 point type.

Braille: 5-00500-00.....\$178.00

Print: L-96229-00.....\$95.50



Loving Me: A Guide to Creating and Presenting Workshops on Self-Esteem

Loving Me, written by Billy T. Brookshire, is designed for those who seek to help people who are blind and visually impaired,

their families, and the professionals who work with them explore the origin and expression of their self-esteem in a workshop format.

The two-binder set contains 120 activities from which to build self-esteem workshops. Children, transition-age youths, and adults can all benefit from the good balance between the theoretical and practical aspects of self-esteem in this book.

Loving Me Book, Large Print/CD:

7-02500-00.....\$157.00



Loving Me: An Overview Homegrown Video

This video in APH's Homegrown Series takes the viewer to a workshop conducted by Billy Brookshire, author of the *Loving Me* self-esteem workshop guide. Blind and visually impaired students and adults, parents, teachers, and other professionals participate in workshop activities designed to enhance self-esteem.

Loving Me: An Overview Video, DVD: 1-30021-DVD.....\$10.00



Studio Recorder Software

Originally created by APH to serve as an internal tool for creating direct-to-digital audio recordings, Studio Recorder™ software contains many features that make recording, editing, and proofreading audio books easy. It is a powerful digital recording and editing software package geared specifically for making recordings of the spoken word and includes features not found in similar programs primarily designed for music production.

Requires Windows® 7, 8.1, or 10.

Studio Recorder:

CD-ROM: D-03600-00.....\$200.00



Digital Download: D-03600-ED.....\$200.00

Find detailed software purchasing instructions in the "How to Order" section, pg. 209. Download APH Software Demos: **tech.aph.org**



The Impressor: Braille Business Card Embosser **UEB**

Easily create your own braille business cards! Similar to the stamp used by notary publics. The die which embosses braille on your card is custom-made with your information. Embosses up to 4 lines, 13 braille cells per line.

Easy to Use

- Insert a standard 3 1/2 x 2 inch business card into the embosser.
- Squeeze – and your card is brailled instantly!

Call **800-223-1839** to initiate an order, mail a copy of your business card, and we will call to confirm your information.

Impressor: 1-03380-00.....\$179.00

Revising Your Impressor

Should the information on your business card change, we can easily revise your Impressor. Call **1-800-223-1839** for more information.

Impressor Revised: 1-03380-01.....\$89.00

The Impressor and Impressor Revised are not available with Quota funds.

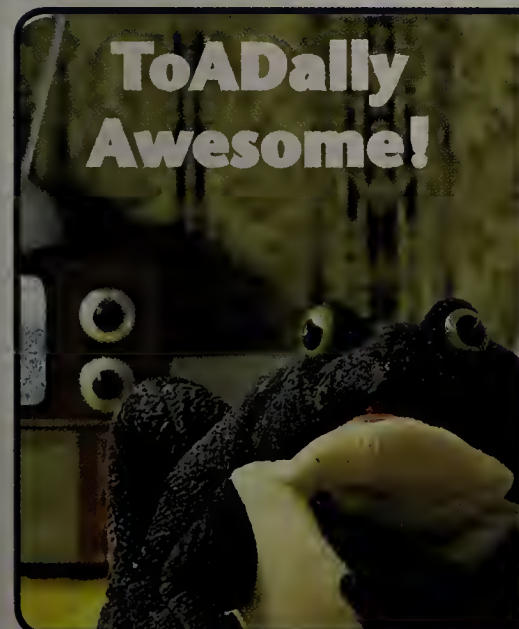


Materials Carry-All

Sturdy, lightweight container for storing and transporting materials of all types. The hinged lid is attached to the base and includes integrated plastic latches for convenience and ease of use. The side-opening design provides more usable space with better visibility of contents as compared to the previous model.

Measures 10 1/2 x 27 x 16 inches, weight: 4 lbs.

Materials Carry-All: 1-02592-00.....\$57.00



Find Product Videos and More!

Ever wanted a tip, an overview, or detailed information about APH products in a fun-to-use format? Visit our **Videos and Webcasts** page! It contains a compilation of APH product videos, webcasts, and PowerPoints organized by product name. Check it out today! **www.aph.org/videos/**



Illinois Braille Series by Illinois Braille Committee of 1992 ~ ©1992

Program for teaching literary braille to former print readers. Includes raised print letters, enlarged braille, tracking guides, functional reading activities, writing drills, and topics specific to blindness. This 3 vol. set progresses from uncontracted to contracted braille in 50 lessons.

Book 1, Uncontracted Braille

Revised:

Braille: 5-17230-01.....\$29.00

Print: 7-17230-00.....\$18.00

Book 2, Beginning Contracted

Braille Revised:

Braille: 5-17240-01.....\$19.00

Print: 7-17240-00.....\$19.00

Note: Content has not changed, but braille formatting has been improved.

Book 3, Completing Contracted Braille Revised:

Braille: 5-17250-01.....\$19.00

Print: 7-17250-00.....\$22.00

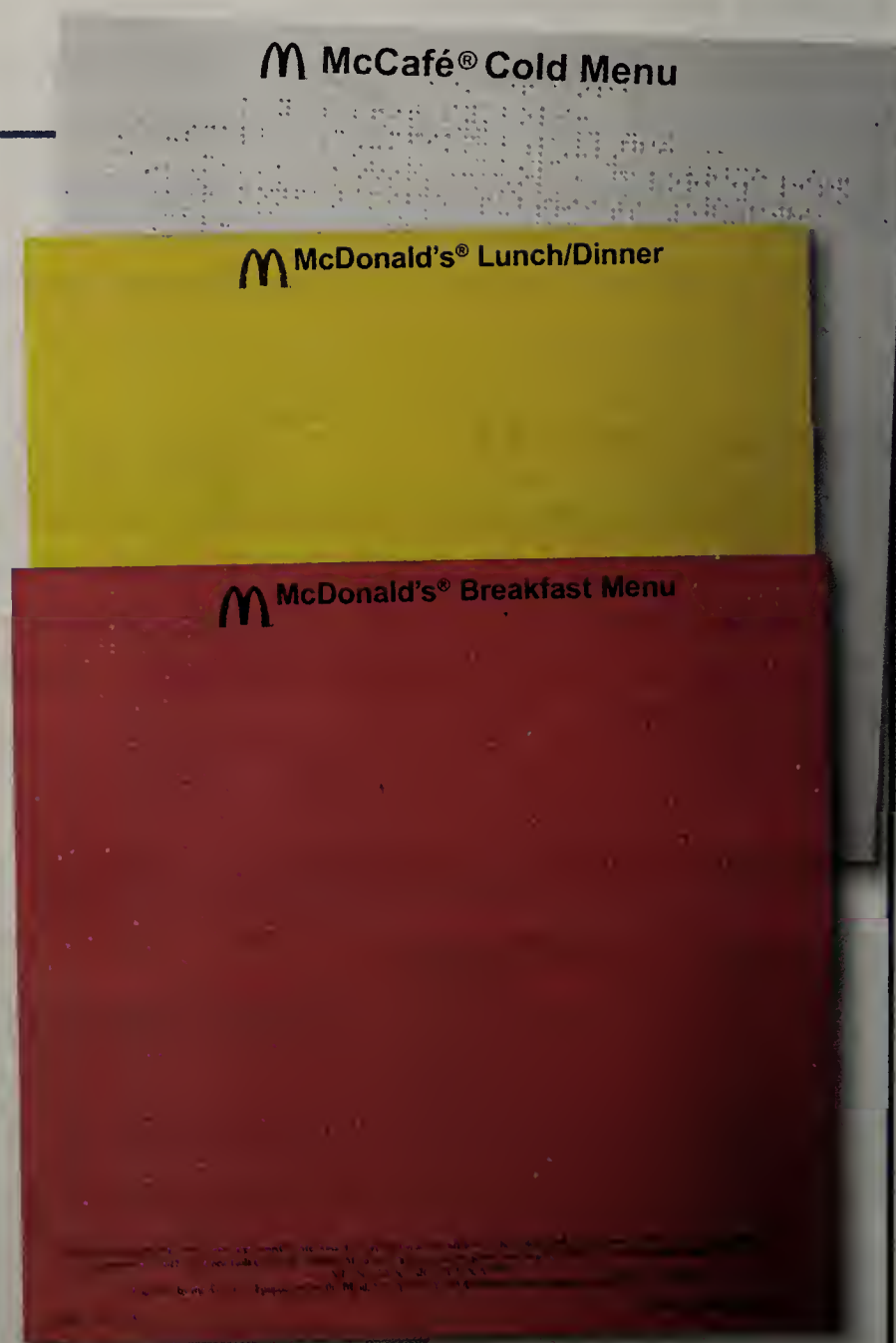
Do Your Clients, Customers, Shareholders, or Employees Need Accessible Materials?

APH Can Custom-Make Them for You!

APH can create audio, enlarged print, braille, or tactile graphic materials on demand—YOUR demand! Our state-of-the-art processes and exacting standards allow us to create custom materials such as:

- Financial statements
- Corporate reports
- Invoices
- Training manuals
- Marketing materials
- Newsletters
- Transportation schedules
- Floor plans
- Tests
- Menus
- Plaques

For a no-obligation cost estimate on your next project, call the **APH Contract Administration Dept.** at **800-223-1839** or Email: **contracts@aph.org**



Braille Codebooks – NLS

Through a national network of cooperating libraries, The National Library Service for the Blind and Physically Handicapped (NLS) administers a free library program of braille and audio materials circulated to eligible borrowers in the United States. NLS also publishes a wide range of authoritative books on learning various braille codes. Here are our popular sellers from NLS:

Introduction to Braille Mathematics, 1972

Braille: 5-60050-00.....\$160.00

Print: 7-60050-00.....\$129.00

Introduction to Braille Music Transcription Second Edition, 1972 (with 1974 Addenda A-C)

Braille: 6-75961-00.....\$262.00

Braille Codebooks – BANA

The mission of the Braille Authority of North America (BANA) is to assure literacy for tactile readers through the standardization of braille and tactile graphics. It publishes rules for formatting and serves as the authority for braille transcribing. The following BANA titles are available in both print and braille editions:

Nemeth Code for Mathematics and Science Notation, 1972 Revision

Braille: 5-87430-00.....\$74.00

Print: 7-87430-00.....\$74.00

Addendum 1 to the Nemeth Code for Mathematics and Science Notation, 1972 Revision: Ancient Numeration Systems

Braille: 5-68654-00.....\$12.00

Print: 7-68654-00.....\$12.00

Braille Code for Chemical Notation, 1997

Braille: 5-16900-00.....\$45.00

Print: 7-16900-00.....\$45.00

Learning the Nemeth Braille Code: A Manual for Teachers and Students, 1987

Braille: 5-68653-00.....\$37.00

Print: 7-68653-00.....\$37.00

BANA Guidelines and Standards for Tactile Graphics, 2010

Includes 35 tactile graphic examples from the mathematics, science, and social studies disciplines.

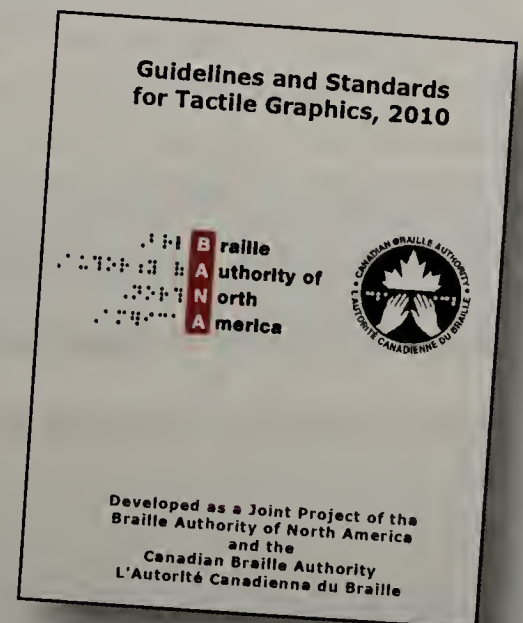
Braille: 5-35935-00.....\$109.00

Large Print: 7-35935-00.....\$59.00

Supplement:

Braille: 5-35936-00.....\$255.00

Large Print: 7-35936-00.....\$113.00



Ordering for U.S. Customers: shop.aph.org

"SPECIAL TOUCH" GIFT ITEMS

"Special Touch" Gift Items

APH "Special Touch" Gift Items

APH has fun and useful gift items for the whole family!

For APH shirts, simply order by the catalog number listed in the chart under the corresponding size and color.

Note: APH gift items are *Not available with Quota funds*.

SHIPPING CHARGE

All shipments of gift items will incur UPS shipping rates based on the destination.

APH InSights Art Calendar, Large Print/Braille

Twelve month large print/braille calendar features the artwork of visually impaired artists. Includes months, days, holidays, and moon phases. Use at a desk or hang on a wall. Pages fold over easily.

Makes a Great Fund-Raiser

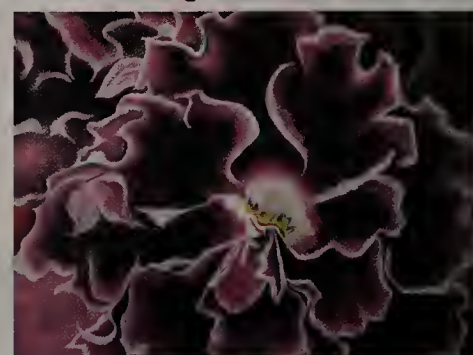
Art calendars can be purchased with a minimum order of 50 for fundraising projects. Your group's name can be printed and brailled on a special version of the cover. Fund-raising questions and orders should be directed to APH's Contract Administration Office, **1-800-223-1839**.

Recommended ages: 4 years and up.

Single copy, APH InSights Calendar 2018: 5-18971-18.....\$7.00

Note: The APH Insights Calendar MAY be purchased with Federal Quota funds; *however, quantity purchases of this calendar for fund-raising purposes MAY NOT be purchased with Quota funds.*

APH InSights Calendar 2018

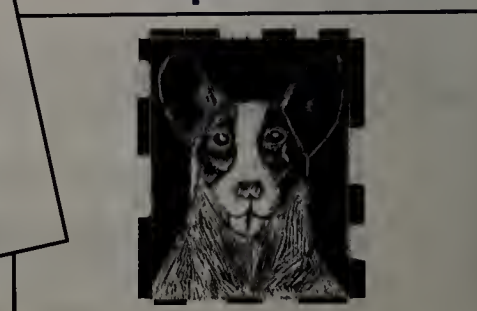


Featuring Artwork by Visually Impaired and Blind Artists
American Printing House for the Blind, Inc.

Inside Calendar Pages



Artwork by visually impaired artists!



APH "Special Touch" Gifts

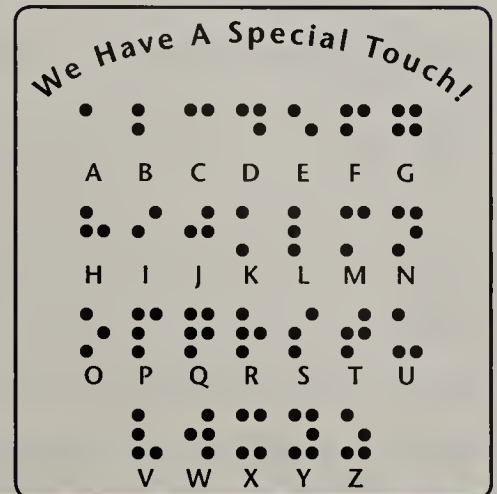
For APH shirts, simply order by the catalog number listed in the chart under the corresponding size and color.

Short Sleeve Braille T-Shirts

The front of this high quality, 100% cotton shirt has an APH logo in the upper left, while the back has the braille alphabet in puff ink and the slogan "We Have a Special Touch!"








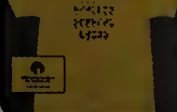


Front



Back

Short Sleeve Braille T-Shirts (adult sizes only) – \$10.00 each + shipping. Not available with Quota funds.

	Color	Small	Medium	Large	X-Lrg	XX-Lrg
	Pink	W-TSPK-SM	W-TSPK-MD	W-TSPK-LG	W-TSPK-XL	W-TSPK-XX
	Black	W-TSBK-SM	W-TSBK-MD	W-TSBK-LG	W-TSBK-XL	W-TSBK-XX
	Jade	W-TSJD-SM	W-TSJD-MD	W-TSJD-LG	W-TSJD-XL	W-TSJD-XX
	Navy	W-TSNY-SM	W-TSNY-MD	W-TSNY-LG	W-TSNY-XL	W-TSNY-XX
	Red	W-TSRD-SM	W-TSRD-MD	W-TSRD-LG	W-TSRD-XL	W-TSRD-XX
	Royal Blue	W-TSDB-SM	W-TSDB-MD	W-TSDB-LG	W-TSDB-XL	W-TSDB-XX
	Purple	W-TSPU-SM	W-TSPU-MD	W-TSPU-LG	W-TSPU-XLG	W-TSPU-XX
	Yellow	W-TSYL-SM	W-TSYL-MD	W-TSYL-LG	W-TSYL-XLG	W-TSYL-XX

APH Replacement Parts Catalog

Welcome to our APH Replacement Parts Catalog, consisting of the most commonly requested replacement items for APH products.

If you don't see a replacement part you're looking for, check: **shop.aph.org**

As new products are added, replacement parts will be added to the shopping site.

Placing Your Order: To expedite your order, please use the catalog number and description listed. Some items you receive may differ slightly from those pictured. Some items are available only in the collections featured and cannot be divided into smaller groups.

We accept Visa®, MasterCard®, Discover®, and American Express® or you may send a check, money order, pre-approved purchase order, or Federal Quota order. Please do not send cash. Please do not email your credit card number. Contact our Customer Relations Department with any questions or suggestions you may have, **cs@aph.org**

Prices are subject to change without notice.

Note: For reference purposes, the photos in the Replacement Parts Catalog depict the entire content of each kit. Please note that not all items pictured are available for separate purchase as replacement parts.

Order Your Replacement Parts Using APH's Shopping Site!

APH American Printing House for the Blind, Inc. ~ Shopping

Order Toll-Free: (800) 223-1839

SEARCH [Title, Cat. #, ISBN10, Keywords] Go Advanced Search

shopping cart 0 item(s) \$0.00 Cart

New Account Sign In

Shopping Home Quick Order Wish List About APH APH Home LOUIS Database Donate Help

Instructional Materials

- Assessment
- Early Childhood
- Core Curriculum
- Expanded Core Curriculum
- Software
- Professional Items
- Videos
- Gifts and Cards
- Accessible Magazines
- Spanish Language Materials

Daily Living

- Audio Equipment
- Books and Magazines
- Braille Reading and Writing
- Computers and Software
- Electronics
- Games - Puzzles - Toys
- Gifts and Cards
- Low Vision Reading and Writing
- Maps and Globes
- Measuring Devices
- Organization Products
- Orientation and Mobility
- Tactile Learning Products
- Transition and Career Education
- Videos

Light Box Materials: Level III

Help students develop: prewriting and handwriting, matching and sorting, recognition and identification, spatial relationships, visual memory, sequencing, figure-ground discrimination, visual closure, and part-whole relationships. Level III includes:

- ? Over 400 items, including dozens of picture and letter cards
- ? Five types of game trays
- ? Blackout background sheet and clear nonslip work surface sheet
- ? Guidebook with over 100 activities
- ? Carrying bag

Note: Light Box sold separately.

Ordering

Light Box Materials: Level III

Catalog Number: 1-08690-00 Price: \$763.00

Format: Product Quantity: 1

add to cart add to wish list

Optional Items:

Light Box: Level III: Activity Guide, Large Print with CD-ROM, Spanish Edition - ON SALE	\$40.00
Replacement Items:	
Light Box: Level III: Activity Guide, Large Print with CD-ROM, English Edition	\$59.00
Light Box: Level II and III: Overlays: Yellow, Clear, Black, Flexible	\$30.40
Light Box: Level III: Graphics Cards (3 Boxes)	\$382.80
Light Box: Level III: Blank Cards	\$14.90
Light Box: Level III: 4-Piece Puzzle-Tray	\$7.55
Light Box: Level III: Half-to-Whole Puzzle-Tray	\$9.15
Light Box: Level III: Lotto Tray (4)	\$5.00
Light Box: Level III: Bingo Tray	\$10.60
Light Box: Level III: Domino Tray (12)	\$5.00
Light Box: Level III: Game Tray (2)	\$15.25
Light Box: Level III: Card Holder	\$17.20
Light Box: Level III: Spinner Game	\$27.10
Light Box: Level III: Clock	\$33.30
Light Box: Level III: 2-Ring Binder for Pocket	\$25.20

Ordering replacement parts for APH kits and other products is easy at **shop.aph.org**

Locate replacement parts by:

- Using the search box in upper left.
- Scrolling toward the bottom of main product pages. Many main product pages contain a yellow box directly under the Ordering area. Depending on the product, the yellow box may contain Optional, Replacement, or Related Items.

Note: Please contact our Customer Relations staff with any questions you may have about APH replacement parts.

APH Replacement Parts Catalog


Section Index

Azer's Periodic Table Study Set	186	Number Line Device	193
Classroom Calendar Kit	186	Peg Kit	193
Crafty Graphics Stencil Embossing Kit	186	Picture Maker: Wheatley Tactile Diagramming Kit	193
DRAFTSMAN Tactile Drawing Board	187	Puzzle Form Board Kit	194
ENVISION I & II	187	Recognizing Landforms	194
Expandable Calendar Boxes	187	SAM: Symbols and Meaning	194
Fine Motor Development Materials: Twist, Turn, and Learn	188	Scattered Crowns	194
Focus in Mathematics, 2nd Edition	188	Seated Parquetry Set	195
Fractional Parts of Whole Sets	189	Sensory Learning Kit (SLK)	195
Game Kit	189	Setting the Stage for Tactile Understanding	195
Giant Textured Beads	189	Shafer Reading Stand	196
HANDS ON Kit	190	StackUps	196
Hundreds Boards	190	Tactile Graphics Kit	197
Light Box Materials		Tactile Town	197
Level I	190	ToAD Kit	198
Level II	191	U.S. Puzzle Map	198
Level III	191	Walk/Run for Fitness Kit	199
MathBuilders,		Web Chase	199
Units 1, 5, 6, & 7	192	Wooden Constructo Set, Junior	199
Unit 8	193		



ENVISION Emu Puppet

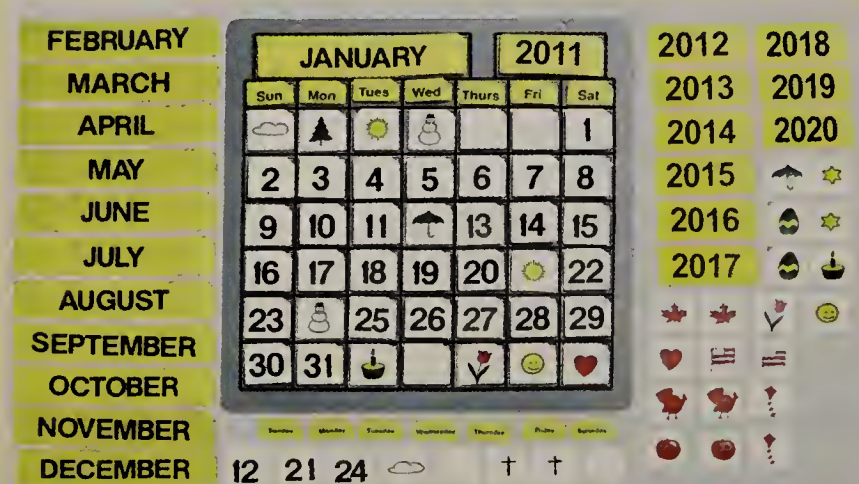


 **WARNING: Choking Hazard—Small Parts.**

1-08856-00: Azer's Periodic Table Study Set, pg. 68

61-167-032 Atomic Model w/Acc.....	\$52.90
61-167-033 Storage Binder w/Acc.....	\$88.95
61-167-034 Bag A.....	\$88.55*
61-167-035 Bag B.....	\$95.55*
61-167-036 Bag C	\$95.55*

*Bag A, B, and C contain Element and Accessory Pieces with hook material dots

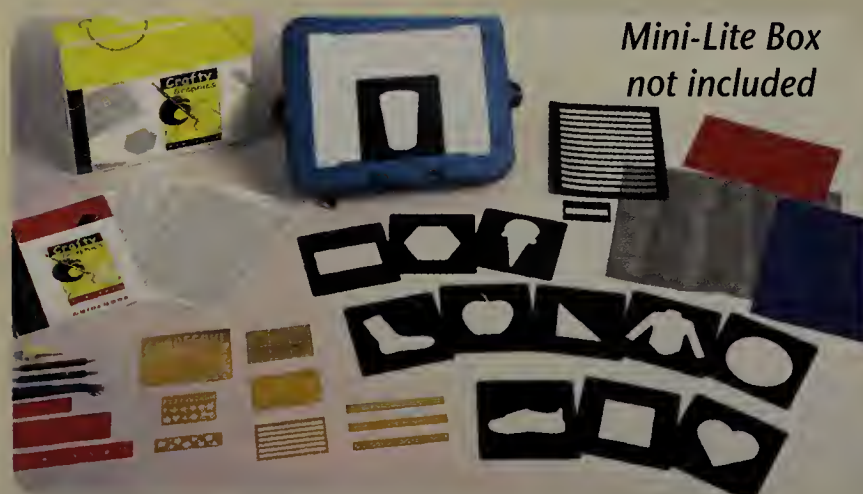


1-18970-00: Classroom Calendar Kit, English Edition, pg. 94

61-410-002 ... Calendar Grid	\$41.20*
61-410-004 ... Day Numbers.....	\$15.60*
61-410-006 ... Year Cards.....	\$11.45*
61-410-008 ... Months (Jan-Jun).....	\$9.40*
61-410-010 ... Months (July-Dec).....	\$8.00*
61-410-011 Graphics/Blank Cards/ Day Cards/umbrella, flag, etc.	\$13.75*

61-410-012	Graphics/Blank Cards/Day Cards/kite, clouds, etc.....	\$9.25*
61-410-014	Black Self-Adhesive Hook Material.....	\$5.00*
61-410-015	White Self-Adhesive Loop Material.....	\$8.90*
61-410-017.....	Print Instructions.....	\$6.85
35-016-566	CD Instructions.....	\$5.00*

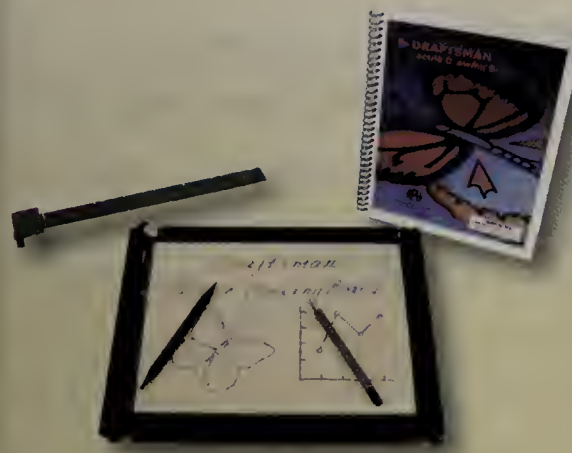
*Also used in the Spanish Edition, 1-18973-00



Mini-Lite Box
not included

1-08844-00: Crafty Graphics Stencil Embossing Kit, pg. 91

61-151-419 Unique Stenciling Tools	\$45.35
61-151-424 Whole Objects Stencil Pk.....	\$36.35
61-151-430 Stenciling Accessories Pk	\$24.35
61-151-431 Brass Stencils Pack.....	\$42.75



1-08857-00: DRAFTSMAN Tactile Drawing Board, pg. 92

61-151-070	Tactile Drawing Tool	\$7.75
61-154-061	Tactile Ruler	\$18.85



1-08551-00: ENVISION I Distance Kit pg. 125

61-320-007	Distance Card Pack	\$60.05
------------------	--------------------------	---------



1-08552-00: ENVISION II Near Magnification Kit, pg. 125

61-320-019.....	Emu Puppet	\$16.65
-----------------	------------------	---------



1-08651-00 and 1-08652-00: Expandable Calendar Boxes, pg. 87

61-142-003.....	U-Channel, 1/2 x 8.5 in., Black	\$6.60
61-142-004	U-Channel, 1/4 x 4 in., White	\$5.00
61-142-005.....	U-Channel, 1/2 x 8.5 in., White	\$5.80
61-142-006.....	Black Foam Boxes w/U-Channels	\$100.05
61-142-007	White Foam Boxes w/U-Channels	\$101.05



1-08420-00: Fine Motor Development Materials: Twist, Turn, and Learn, pg. 29

61-135-001....Module, Fun Flower	\$111.35
61-135-014....Module, Clown Pull.....	\$102.25
61-135-027....Module, Rattle	\$78.10
61-135-034....Module, Happy Airplane.....	\$81.05
61-135-040 ...Module, Bell Chime.....	\$64.65
61-135-047....Module, Spinner	\$50.15
61-135-051 ....Overlay, Cross/Spiral	\$7.05
61-135-052....Overlay, Yin Yang/Half & Half	\$7.05
61-135-054 ...Module, Hook/Loop Pull	\$62.50
61-135-058.....Module, Hidden Pocket	\$46.40
61-135-063.....Strap, Support.....	\$5.00
61-135-064 .....Bag, Yellow	\$41.65



1-08280-01: Focus in Mathematics Kit, 2nd Ed., pg. 52

	61-115-060.... Pack F, Wooden Cubes.....	\$17.25
	61-115-073 Pack I, Height Cylinders	\$16.80
	61-115-081 Pack J, Width Bars.....	\$9.45
	61-115-088.... Pack K, Weighted Containers	\$34.75
	61-115-232 Activity Sheets.....	\$31.10
	61-115-234 Pack, Corks, Wiffle Balls, Clothespin, etc....	\$26.45
61-115-235	Pack B Nuts, Bolts and Washers	\$5.35
61-115-236	Pack C, Knives, Forks and Spoons	\$5.00
61-115-237	Pack E, Irregular Shape Puzzles	\$9.30
61-115-239	Pack X, Raised Shape Count Cards	\$32.05
61-115-240	Pack Y, Raised Shape Number Cards.....	\$32.05
61-115-241	Pack D, Geometric Shapes	\$98.65
61-115-274	Pack T, Base Ten Blocks, Rods.....	\$7.20
61-115-275	Pack U, Base Ten Blocks, Flats	\$7.95
61-115-277	Pack R, Pop Cubes.....	\$12.15
61-115-278	Pack S, Base Ten Blocks.....	\$6.40
61-115-279	Pack W, Diagram Strips and Geometric Shapes.....	\$27.75
61-115-280	Pack H, Length Sticks	\$8.45
61-402-051	Pack L, Felt Board	\$8.45
61-421-090	Pack V, Tactile Token Set.....	\$15.00



1-03290-00: Fractional Parts of Whole Sets, pg. 56

61-213-006	Plastic Form Boards	\$15.25
61-213-008	Circles.....	\$25.20
61-213-018	Guide, Print.....	\$9.15
61-213-023	Work Tray	\$22.15



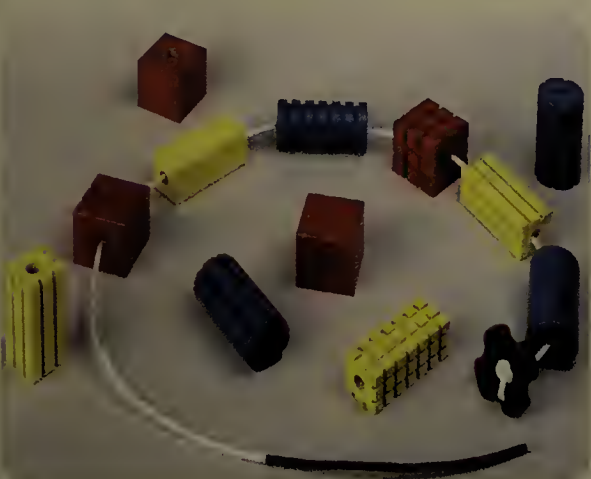
1-08440-00: Game Kit, pg. 171

61-131-002....	Square Line Game Board	\$28.80
61-131-003	Maze Line Game Board	\$28.60
61-131-005....	Straight Line Game Board....	\$12.00
61-131-015	Draw/Discard Rack.....	\$27.85
61-131-035	Suggested Uses Bklt, Print	\$6.20
61-131-036	Manual, Print	\$44.35

61-131-045	Materials Bag with 4 dice and 6 game tokens	\$15.65
61-131-142	Storage Box Packed with:.....	\$61.05
<ul style="list-style-type: none"> • Spinner Overlay Set • Index Cards • Dice Shaker Cup • Card Holder Set • Materials Bag (<i>avail. separately, 61-131-045</i>) • Game Token Set • Standard and Braille Dice 		

61-131-143.....	Spinner Assembly.....	\$45.65
-----------------	-----------------------	---------

 **WARNING: Choking Hazard—Small Parts.**

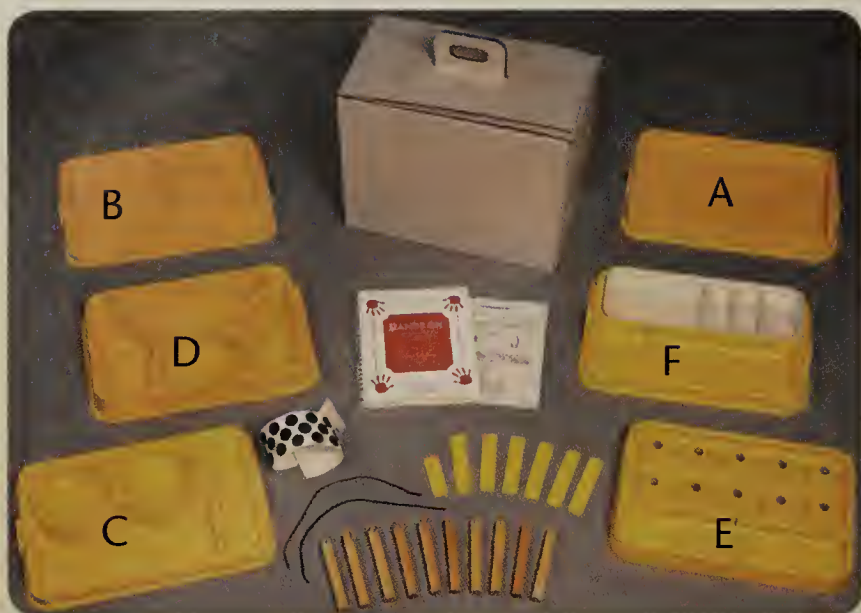


1-03780-00: Giant Textured Beads, pg. 30

61-210-021	Red Cube, Smooth	\$5.45
61-210-022	Red Cube, Striped	\$5.45
61-210-023	Red Cube, Grid	\$5.45
61-210-024	Yellow Rectangle, Smooth.....	\$5.45
61-210-025	Yellow Rectangle, Striped.....	\$5.45
61-210-026	Yellow Rectangle, Grid.....	\$5.45
61-210-027	Blue Cylinder, Smooth	\$5.45
61-210-028	Blue Cylinder, Striped	\$5.45
61-210-029	Blue Cylinder, Grid	\$5.45

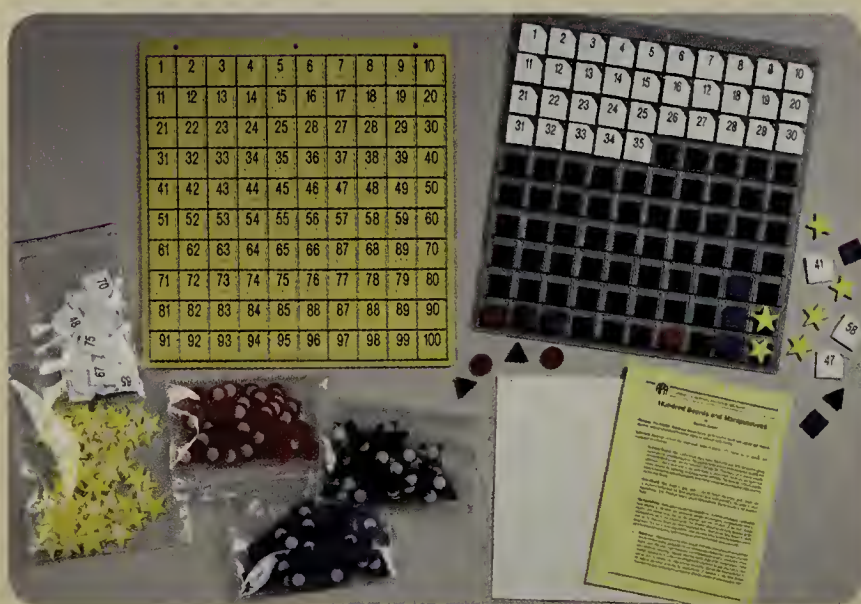
 **WARNING: Strangulation Hazard.**

REPLACEMENT PARTS



1-03260-00: HANDS ON Kit, pg. 29

61-128-002 ... Work Tray (A)	\$33.55
61-128-004 ... Sorting Tray (B)	\$33.55
61-128-005 ... Bowl Tray (C).....	\$33.55
61-128-006 ... Sorting Tray (D).....	\$33.55
61-128-007 ... Multi-Section Tray (F) does not include white tray insert.....	\$33.55
61-128-008 ... Flashlight Insert	\$9.05
61-128-011 Foam Tray (E)	\$34.30
61-128-026.... Bag with Small Parts	\$79.05



1-03105-00: Hundreds Boards, pg. 56

61-219-001 ... Grid Board	\$57.20
61-219-002 ... Number Board	\$57.40
61-219-003 ... Print Teacher's Booklet	\$5.00
61-219-004 ... Braille Teacher's Booklet	\$16.80
61-219-006 ... Bag of Red Circles	\$7.85
61-219-007 ... Bag of Blue Squares.....	\$7.85
61-219-008 ... Bag of Yellow Stars	\$7.85
61-219-009 ... Bag of Green Triangles	\$7.85
61-220-029 ... VELCRO® brand Black Adhesive-Backed Hook Patch.....	\$5.00

61-220-030	Bag of VELCRO® brand Hook Squares	\$6.70
61-220-031	VELCOIN® brand white Adhesive-Backed loop dots.....	\$5.00



1-08670-00: Light Box Materials, Level I, pg. 131

61-156-084 ... Threading Beads only	\$72.50
61-156-098 ... Vinyl Sheet Set	\$42.15
61-156-099 ... Pattern Set/Stripes, Checks, Dots	\$47.05
61-156-110 Plastic Tumblers.....	\$18.20
61-156-149 Carry Bag with Cardboard Inserts	\$37.85

61-156-173	Face Puzzle	\$26.60
61-156-174	Ball Puzzle	\$41.85
61-156-175	Background Set w/Opaque Shapes.....	\$66.45



1-08680-00: Light Box Materials, Level II, pg. 131

61-157-022	Colored Cube Set	\$181.60
61-157-031	Black Opaque Sticks.....	\$79.00
61-157-042	Parquetry Piece Set.....	\$85.95
61-157-091	Pattern Guide/Blank Set/Black Geometric Shapes	\$17.95
61-157-112.....	Stencil/Blanks, Set D/Black Hairbrush, Shirt, Bear, etc.	\$17.95
61-157-113.....	Stencil/Blanks, Set E/Black Banana, Spoon, Sock, etc.....	\$16.20

61-157-114.....	Stencil/Blanks, Set F/Black Apple, Knife, Ice Cream Cone, etc.	\$16.20
61-157-142	Overlays/Yellow, Clear, Black Background, Flexible Sheet	\$41.75
61-157-176.....	Outline Shape Cards.....	\$32.65
61-157-192	Raised Outline Shape Cards	\$14.95
61-157-201	Blank Vinyl Cards (4 x 4 in. & 6 x 6 in.).....	\$22.80
61-157-206	4 x 4 in. Pocket Page, 3-Pocket	\$5.00
61-157-207	6 x 6 in. Pocket Page	\$5.75
61-157-208	3-Ring Binder	\$18.25
61-157-213	Carry Bag with Inserts	\$62.10
61-157-243	Foam Grid Set/Black Square Cutouts	\$36.40

Light Box not included.



1-08690-00: Light Box Materials, Level III, pg. 131

61-157-142	Overlays/Yellow, Clear, Black Background, Flexible Sheet.....	\$30.40
61-169-001 ...	Graphics Cards	\$579.20
61-169-254....	Blank Cards	\$17.80
61-169-339	Puzzle/Tray.....	\$9.35
61-169-340....	Half-to-Whole Puzzle/Tray...	\$11.20
61-169-341	Lotto Tray.....	\$5.75

61-169-342.....	Bingo Tray	\$13.05
61-169-343.....	Domino Tray.....	\$5.00
61-169-344.....	Game Tray.....	\$18.45
61-169-345.....	Card Holder.....	\$21.75
61-169-346.....	Spinner Game.....	\$25.15
61-169-347	Clock.....	\$60.55
61-169-361	3-Ring Binder for Pocket Pages.....	\$32.40
61-169-367	Tote Bag with Padding	\$73.70
61-169-415.....	Printed Pocket Page/Inserts for Binder	\$114.25
61-169-416.....	Game Token/Card Cover Set	\$28.75

REPLACEMENT PARTS



7-03560-00 & 5-03560-00: MathBuilders Unit 1: Matching, Sorting, and Patterning, pg. 46

61-421-051 ... Manipulatives Set.....\$220.40

- Shapes Set
- Bell Bracelet
- Pack H, Red Length Sticks
- Rattle
- Bag B, Textured Shapes
- Embossed Point Symbol Sticker Pack
- Felt Board, Blue

WARNING: Choking Hazard—Small Parts.



7-03562-00 & 5-03562-00: MathBuilders Unit 5: Measurement and Estimation, pg. 46

61-421-065 ... Manipulatives Set..... \$232.80
Measurement Tools/Carry Box

WARNING: Choking Hazard—Small Parts.



7-03563-00 & 5-03563-00: MathBuilders Unit 6: Geometry, pg. 46

61-421-071 ... Manipulatives Set..... \$281.45

- Bag A, Diagramming Strips
- Felt Board, Blue: 7.625 x 10.75 inches
- Geometro Shapes Set/Carry Box
- Geometro GS16 Mini Shape Set
- 3-D Figures Set

WARNING: Choking Hazard—Small Parts.

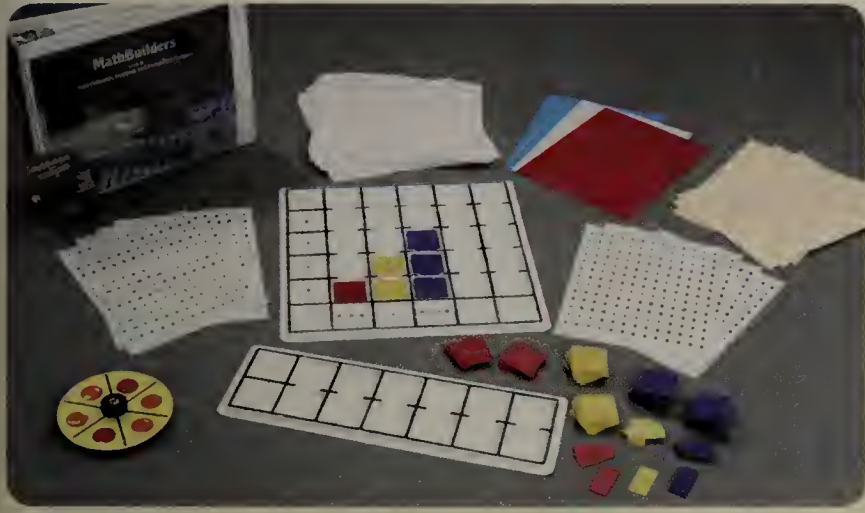


7-03564-00 & 5-03564-00: MathBuilders Unit 7: Fractions, Mixed Numbers, and Decimals, pg. 46

61-421-083 ... Manipulatives Set..... \$254.70

- Fraction Bars Set
- Decimal Bars Set
- Tactile Token Set
- Carry Box
- Circles Set
- Fractions Circles Tray
- Fractions/Decimal Bars Tray

WARNING: Choking Hazard—Small Parts.



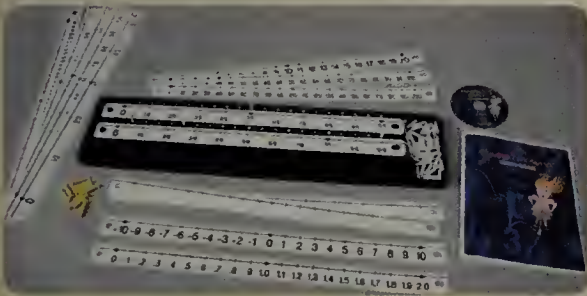
7-03565-00 & 5-03565-00: MathBuilders Unit 8: Data Collection, Graphing, and Probability/Statistics, pg. 46

61-421-091 ... Manipulatives Set..... \$151.00

- Numbers Sticker Pack
- Spinner
- Carry Box
- Graphing Grid Tray, 2x7 squares
- Graphing Grid Tray, 6x6 squares
- Graphing Squares/Rectangles
- Spinner Overlays



WARNING: Choking Hazard—Small Parts.



1-03480-00: Number Line Device, pg. 48

61-267-037 Directional Pegs..... \$6.20

61-267-038..... Vinyl Scales \$45.20



WARNING: Choking Hazard—Small Parts.



1-03420-00: Peg Kit, pg. 32

61-250-001 Peg, 1 in. Yellow, 1-groove..... \$5.00

61-250-002 Peg, 1.875 in. Yellow, 3-grooves \$5.35

61-250-003 Peg, 1.875 in. Red, 1-groove \$5.35

61-250-004..... Peg, 1 in. Red, 2-grooves \$5.00

61-250-005 Peg, 1 in. Red, 3-grooves \$5.00

61-250-006..... Peg, 1 in. Blue, 1-groove..... \$5.00

61-250-007 Peg, 1.875 in. Blue, 2-grooves..... \$5.35

61-250-008..... Peg, 1 in. Blue, 3-grooves..... \$5.00

61-250-009..... Peg, 1 in. Yellow, 2-grooves \$5.00

61-250-010 Peg Kit Container \$24.00

61-250-015 Frames..... \$10.80



1-08838-00: Picture Maker: Wheatley Tactile Diagramming Kit, pg. 145

61-151-167 Diagramming Strips \$44.00

61-151-168 Textured Shapes..... \$51.25

61-151-170 Binder Inserts (Covers) \$5.00

61-151-171 Accent Pieces \$9.65

61-314-026..... Felt Board \$28.60



WARNING: Choking Hazard—Small Parts.



1-03721-00: Puzzle Form Board Kit, pg. 32

61-225-024	..... Red Puzzle Pieces.....	\$41.50
61-225-025	..... Yellow Puzzle Pieces.....	\$41.50
61-225-026	..... Blue Puzzle Pieces.....	\$41.50
61-225-048	..... Square Tray	\$9.10
61-225-049	..... Diamond Tray.....	\$9.10
61-225-050	..... Triangle Tray.....	\$9.10
61-225-051	..... Rectangle Tray	\$9.10
61-225-052	..... Circle Tray	\$9.10



1-01110-00: Recognizing Landforms, pg. 73

35-016-127	..... Manual, CD.....	\$5.00
61-254-002	..... Teacher's Manual, Print.....	\$38.80
61-254-003	..... Instructional Program, Print	\$13.00
61-254-015	..... Landform, Composite I	\$35.55
61-254-016	..... Landform, Composite II	\$35.55
61-254-018	..... Landform, Numbers 0-3, 8 x 8 in., Set A.....	\$35.55
61-254-019	..... Landform, Numbers 4-7, 8 x 8 in., Set B	\$35.55



1-08854-00: SAM: Symbols and Meaning, pg. 85

61-155-003	..... Plastic Pages for Object Books.....	\$36.80
61-155-016	..... Collapsible Basket.....	\$19.05
61-155-017	..... Story Bags.....	\$24.00



WARNING: Choking Hazard—Small Parts.



1-08462-00: Scattered Crowns, pg. 171

61-133-102	..... 3-Part Attribute Roller	\$39.05
61-133-103	..... Single Attribute Roller Set.....	\$35.45
61-133-106	..... Crown Game Piece Set with hook/loop material dots.....	\$49.50
61-133-107	..... Black Masking Card Set with hook/loop material dots	\$17.25
61-133-108	..... Crown Collector Set	\$36.05
61-133-109	..... Instructions, Print/Braille	\$16.30



WARNING: Choking Hazard—Small Parts.



1-03650-00: Seated Parquetry Set, pg. 128

61-285-012	..... Instructions, Print.....	\$6.75
61-285-015	..... Red Parquetry Pieces	\$6.90
61-285-016	..... Yellow Parquetry Pieces	\$6.90
61-285-017	..... Purple Parquetry Pieces	\$6.90
61-285-018	..... Green Parquetry Pieces	\$6.90
61-285-019	..... Brown Parquetry Pieces	\$6.90
61-285-020	..... Blue Parquetry Pieces	\$6.90
61-285-052	..... Boards, Set A	\$31.25
61-285-053	..... Boards, Set B	\$31.25
61-285-054	..... Boards, Set C	\$31.25
61-285-055	..... Boards, Set D	\$31.25
61-285-056	..... Boards, Set E.....	\$31.25



1-08611-00: Sensory Learning Kit, pg. 27

61-112-041	.... Bell Bracelet.....	\$5.00
61-141-013	.... Ice Pack	\$12.35
61-141-021	.... Massager	\$12.45
61-141-054	.... Flashlight Pack (<i>flashlight only</i>)...	\$16.35
61-141-055	.... Colored Lenses	\$7.35
61-141-073	.... Mirror with Stand	\$15.65

61-141-121	..... Tactile Roller Set	\$12.15
61-141-202	..... Fan.....	\$23.90



WARNING: Choking Hazard—Small Parts.



1-08853-00: Setting the Stage for Tactile Understanding, pg. 108

61-154-014	.... Object Cards.....	\$12.00
61-154-015	.... Raised-Line Picture Cards.....	\$12.00
61-154-016	.... Tactile House Views.....	\$29.65
61-154-017	.... Tactile House Model.....	\$10.75
61-154-018	.... Black Line Masters.....	\$5.00
61-154-019	.... Sorting Tray	\$35.00
61-154-031	.... Objects and Accessories	\$54.05



WARNING: Choking Hazard—Small Parts.

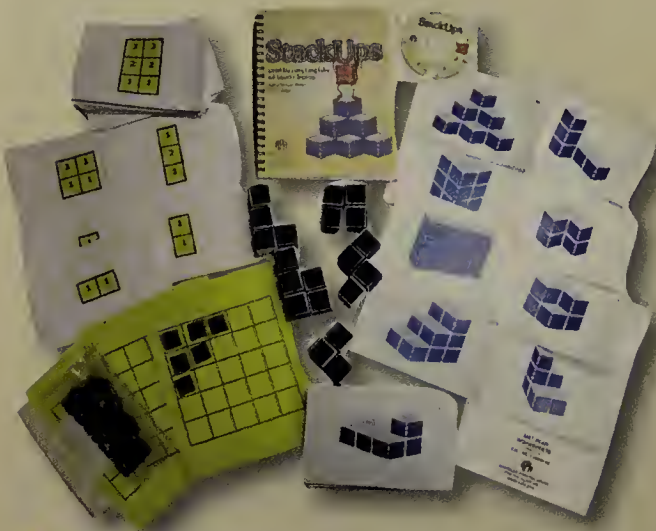


1-03230-00: Shafer Reading Stand, pg. 99

61-081-001	Mailing Tube and End Caps for Vertical Support Rod	\$9.30
61-165-026.....	Washer, 5/16 in., Flat Ground	\$5.00
61-345-006	Collar	\$5.00
61-345-007	Crutch Tips.....	\$5.00
61-345-012.....	Wing Nut, 5/16 in.....	\$5.00
61-345-014	Base Plate	\$21.75
61-345-015.....	Thumbscrew, 5/16 in.	\$5.00
61-345-017.....	Hex Bolt, 5/16 in., All-thread	\$5.00
61-345-019.....	Hex Head Bolt, 3/8 in.	\$5.00
61-345-030	Lock Washer, 5/16 in.....	\$5.00
61-345-031	Instructions, Print	\$5.00
61-345-032	Vertical Support Rod.....	\$21.40
61-345-034	Book Support Tray with Brackets	\$79.00
61-345-037	S-3 Bracket with Stud.....	\$41.75
61-345-039	S-1 Arm with Stud	\$40.50

61-345-042	S-1 Arm without Stud	\$35.90
61-345-043	Reading Stand Base.....	\$67.15
61-345-044	Reading Stand Leg.....	\$18.00

Note: Customers who order the Vertical Support Rod (61-345-002) must also order the accompanying Mailing Tube (61-081-001).



1-08960-00: StackUps, pg. 52

61-361-002	Stacked Cube Arrangement Card Set ..	\$102.30
61-361-003.....	Raised Line Grid Pack with hook/loop material dots	\$45.30
61-361-006	Mat Plan Card Set	\$108.95

 **WARNING: Choking Hazard—Small Parts.**

1-08851-00: Tactile Graphics Kit, pg. 90



61-151-011 Modeling Stick, for Clay	\$5.00
61-151-035 Carrying Case	\$28.90
61-151-040 Tactile Graphics Hammer	\$22.25
61-151-048 Areal Pattern Plate, #1	\$8.65
61-151-049 Areal Pattern Plate, #2	\$8.65
61-151-050 Areal Pattern Plate, #3	\$8.65
61-151-051 Areal Pattern Plate, #4	\$8.65
61-151-056 Tong Tool, A-point Symbol	\$9.85
61-151-057 Tong Tool, B-point Symbol	\$9.85
61-151-058 Tong Tool, C-point Symbol	\$9.85
61-151-059 Tong Tool, D-point Symbol	\$9.85
61-151-060 Tong Tool, E-point Symbol	\$9.85
61-151-061 Tong Tool, F-point Symbol	\$9.85
61-151-062 Tong Tool, G-point Symbol	\$9.85
61-151-068 Tool Pouch	\$25.15
61-151-072 Roller Tool	\$7.25
61-151-074 Vent Tool	\$8.95

1-03135-00: Tactile Town: 3-D O&M Kit, pg. 142



61-221-001 Bag A, Buildings	\$66.20
61-221-002 Bag B, Street/Scenery Set	\$74.85
<ul style="list-style-type: none"> • Pond • Railroad Track • Crosswalk Set • Dividing Lane/ Median • Sidewalk Set • Splitter Island • Road Dashes • Arrows Set 	
61-221-003 Bag C, 3-D Components	\$52.15
<ul style="list-style-type: none"> • Pond • Railroad Track • Crosswalk Set 	
61-221-004 Bag D, Grassy Sections	\$163.90*
<ul style="list-style-type: none"> • Grassy sections set, sewn 	
*Bag D contains hook/loop material dots	
61-221-005 Bag E, Print/Braille Labels	\$39.75*
<ul style="list-style-type: none"> • Location Labels • Street Name Labels • Direction Labels • Zoo Labels • Personal Name Labels 	
*Bag E contains hook/loop material dots	



WARNING: Choking Hazard—Small Parts.

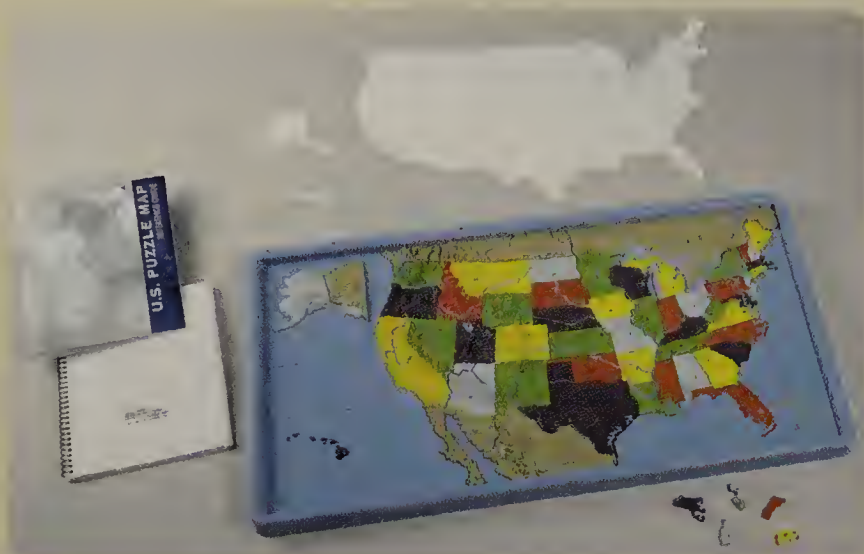


1-08152-00: Tools for Assessment and Development of Visual Skills (ToAD), pg. 8

61-141-073 Mirror with Stand	\$15.20
61-257-004 ... Tangle Toy	\$20.30
61-314-026.... Felt Board.....	\$28.60
61-357-001 Foam Puzzle Set/Apple, Butterfly, Snowflake, Sock, Star	\$75.80
61-357-002.... Foam Squares Set	\$5.80
61-357-028.... Mylar Pompon.....	\$19.10
61-357-034.... Billy Bird Puppet	\$16.65
61-357-039 Lucite Triangle Puzzle Set	\$66.15
61-357-051 ToAD Accessory Pack #1	\$44.05
61-357-052..... ToAD Accessory Pack #2	\$23.50
61-357-053..... ToAD Accessory Pack #3	\$31.05
61-357-055..... User's Guidelines, Braille	\$5.00



WARNING: Choking Hazard—Small Parts.



1-01140-00: U.S. Puzzle Map, pg. 71

61-050-001 ... Gray States (AL, AK, AZ, MO, NH, NJ/DE, ND, OH).....	\$88.50
61-050-002... Orange States (FL, ID, IN, MS, NC, OK, PA, SD, VT).....	\$88.50
61-050-003 ... Green States (IL, KS, LA, MN, NV, NM, NY, TN, WA, WV, WY).....	\$90.00
61-050-004... Yellow States (AR, CA, CO, CT/ RI: 2 ea., GA, IA, ME, MI, MT, VA)	\$90.00
61-050-005... Purple States (HI, KY, MD, MA: 2 ea., NE, OR, SC, TX, UT, WI)	\$89.50
61-050-007 ... Masking Overlay Sheets	\$10.60



WARNING: Choking Hazard—Small Parts.



1-07520-00: Walk/Run for Fitness Kit, pg. 81

61-191-002.....	Personal Guidewire System	\$90.75
61-191-005.....	Shoulder Sling Carrying Pack	\$13.60
61-191-014	Talking Pedometer Pack	\$53.35
61-191-015	Accessory Pack.....	\$19.15



1-08460-00: Web Chase, pg. 171

61-131-027	Tactile Dice.....	\$5.00
61-133-019	Divided Card Holder	\$14.70
61-133-021	Player Lunch Trays	\$42.60
61-133-022....	Obstacle/Advantage Card Deck..	\$37.75
61-133-025....	Spider Tokens	\$7.30
61-133-026....	Textured Prey Pieces	\$49.90
61-133-027	Shape Prey Pieces	\$69.65
61-133-029....	Instructions, Print/Braille	\$12.50



WARNING: Choking Hazard—Small Parts.



1-03690-00: Wooden Junior Constructo Set, pg. 175

61-241-001	23 in. Wooden Length.....	\$14.75
61-241-002.....	16 in. Wooden Length.....	\$14.45
61-241-003.....	9 in. Wooden Length.....	\$11.75
61-241-004	2 7/8 in. Right Angle Joint	\$12.75
61-241-015	Bolt.....	\$5.00
61-241-016	Nut.....	\$5.00



WARNING: Choking Hazard—Small Parts.

Other Services from APH

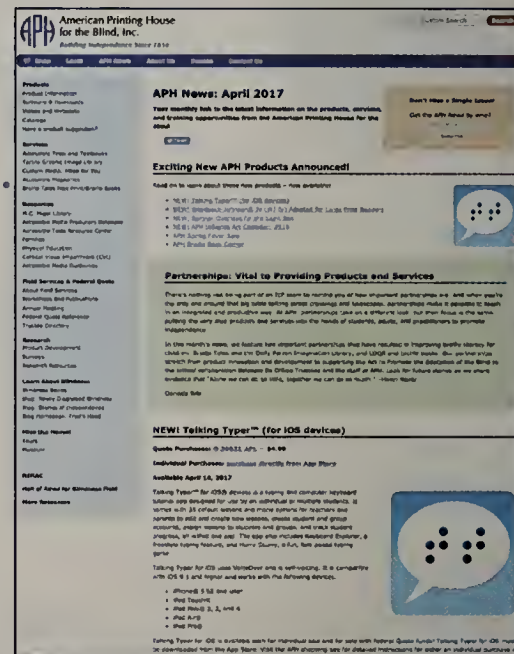
This section contains information on selected services offered by APH. For complete information about APH services, please visit www.aph.org or call customer service at **1-800-223-1839**.

APH News – Your APH Connection!

One of the best ways to learn about new products! To automatically receive your monthly link to the *APH News*, send an email to: aphinfo-request@iglou.com

Include the following in the body of the email: "subscribe" (without the quote marks). Leave the subject line blank.

Note: APH will never share your information with another organization.



APH InSights Annual Juried Art Competition and Exhibition

Each year APH sponsors a juried art competition and exhibition designed exclusively for blind and visually impaired artists of all ages. From the hundreds of entries received, works are chosen for exhibition at APH's Annual Meeting and on our website. Award winners are selected in each of nine categories; media may include sculpture, pottery, weavings, photographs, prints, paintings, etc. Artwork is judged on originality of concept, expressive use of media, and artistic excellence.

To enter APH InSights, contact the Special Programs Manager, Email: insights@aph.org



Fred's Head from APH

A Better Living Blog for People Who Are Blind or Visually Impaired



Explore the collective ideas and experiences of blind and visually impaired people by visiting the "Fred's Head from APH" blog. You'll find thousands of tips, techniques, tutorials, in-depth articles, and resources to help you solve everyday difficulties, plus detailed explanations of more complex issues that may challenge you. Receive newly published articles via: email, RSS, or Twitter.

YOU Can Contribute to Fred's Head!

Please contact us if you have suggestions for updating an existing article or would like to submit a new article. You can also comment on articles by using the link at the bottom of each blog post.

Please contact fredshead@aph.org

Join with APH for Product Training

APH wants to add your agency to our growing list of partners! Through the **National Instructional Partnerships (NIP)**, APH provides in-depth instruction

across the areas of the Core Curriculum and the Expanded Core Curriculum, highlighting the use of APH products to teach skills in those areas. APH provides expert presenters, and our partners work with us to promote events, provide meeting space, assist with event logistics, and more.

Please contact Janie Blome for more information. 800-223-1839 ext. 367,
Email: jblome@aph.org or visit our website: www.aph.org/advisory/initiatives/

THE NATIONAL INSTRUCTIONAL PARTNERSHIPS

Need Accessible Materials? APH Can Custom-Make Them for You!

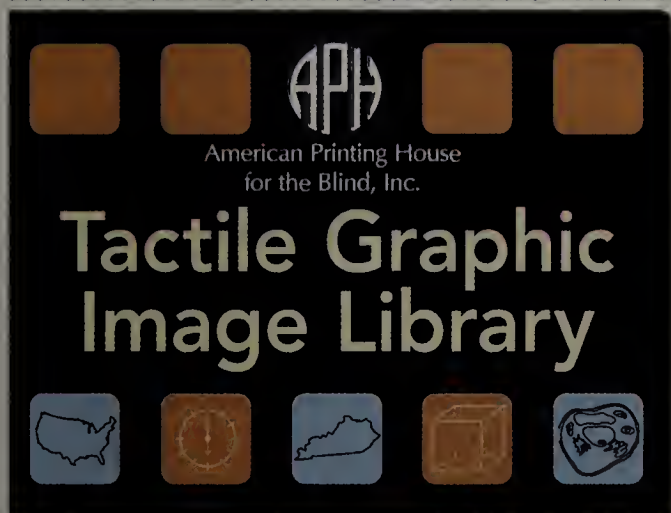


APH can create audio, enlarged print, braille, or tactile graphic materials to your specifications. Our state-of-the-art processes and exacting standards allow us to create custom materials for your clients, customers, shareholders, and employees who are blind and visually impaired. This enables you to be ADA-compliant with materials such as:

- Financial statements
- Marketing materials
- Floor plans
- Corporate reports
- Newsletters
- Tests
- Invoices
- Transportation schedules
- Menus
- Training manuals
- Plaques

Please contact the APH Contract Administration Dept. for a no-obligation cost estimate on your next project. 800-223-1839 or
Email: contracts@aph.org

Finding tactile graphics templates is easier than ever!



APH offers the free **Tactile Graphic Image Library** database. Teachers, transcribers, students, families, and paraprofessionals are able to register to use the image library to find and download tactile graphics that can be enhanced for your needs. Search the database by category or keyword.

New to the TGIL! 3D images and designs for the Tiger® Embosser.

Sign up for **FREE** to use the database at www.aph.org/tgil/

Submit your tactile graphics templates! Please send to tginfo@aph.org



Magazine Subscriptions

Magazine	Accessible Format	Annual Subscription Fee
<i>Reader's Digest</i> ®	Braille	Optional \$174.00
	Cassette Tape (15/16, 4-Track)	Optional \$18.00
	Digital Flash Cartridge	Optional \$33.00
	Digital Download	Optional Donation
<i>Newsweek</i> ®	Cassette Tape (15/16, 4-Track)	Optional \$90.00
	Digital Download	Optional Donation
<i>Scholastic News</i> ® (formerly <i>Weekly Reader</i> ®)	Braille	contact APH (800-223-1839)
	Large Print	contact APH (800-223-1839)

APH provides free *Readers Digest* or *Newsweek* in accessible formats for blind and visually impaired people across the country. If you or someone you know would benefit from this free service, please contact Customer Service at **1-800-223-1839** or **cs@aph.org**

Gift subscriptions are available at the above rates. Non-U.S. citizens **MUST** pay the above subscription rates. Contributions to defray costs are welcomed.

Cassette and Flash Cartridge editions require a Talking Book-type tape player, which plays specially recorded tapes. These players are available on a free loan basis from the library in your state that serves visually impaired or physically disabled readers.

APH offers several versions of *Scholastic News* (formerly *Weekly Reader*) in both large print and braille: 2nd Grade, 3rd Grade, Senior (Grades 4th, 5th, and 6th), Junior Scholastic, and Science World. **Note: Scholastic News is not offered free-of-charge.**

For more information or to support APH's accessible magazine program, call **1-800-223-1839** or visit **www.aph.org/development/magazines/** The American Printing House for the Blind, Inc. is a 501(c)(3) nonprofit organization. Gifts are tax-deductible.

Note: *Reader's Digest, Large Print Edition* is not published by APH, but is available directly from The Reader's Digest Large Print Edition / P.O. Box 8177 / Red Oak, IA 51591 / 1-800-807-2780 / **www.rd.com**

Reader's Digest is a trademark of The Reader's Digest Association, Inc.; Newsweek is a trademark of Newsweek, Inc.; Scholastic News is a trademark of Scholastic News Corporation.

Accessible Tests and Textbooks Department

Accessible Tests and Textbooks, offers a wide range of services. For more detail about any of these services, please visit www.aph.org/tests-and-textbooks/

Accessible Tests: Extensive Services Offered

APH is prepared to assist with all phases of test accessibility, from item development and bias review through production, shipping, and product support. Tests offered through this department can be ordered in **hard copy braille**, **large print**, and **digital formats**. Accessible Tests also reviews online testing for accessibility to ensure all tests are accessible for all customers.

Accessible Textbooks: The Accessible Media You Need

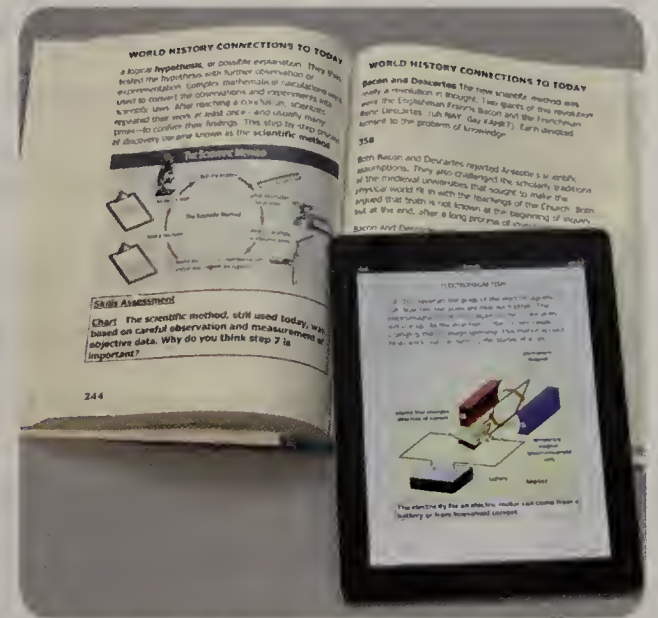
APH responds to the textbook needs of students who are blind and visually impaired by delivering custom-produced accessible textbooks in a variety of media in a timely manner. Accessible Textbooks staff processes all new textbook orders. We offer these media for textbooks:

- **Braille Textbooks, Hard Copy and Digital:**

Includes hard copy braille textbooks, as well as downloadable braille-ready files. Accompanying tactile graphics are available for purchase.

- **Large Print Textbooks, Hard Copy and Digital:**

Includes APH Traditional Enlargement Process and APH Large Print Process. Large print textbooks can also be used on digital reading devices such as iPad®, Kindle®, Book Port™, Braille Plus 18™, and more. Many of the large print e-files contain image descriptions.



For questions about accessible tests or textbooks, please contact:

Jane Thompson

Director, Accessible Tests and Textbooks Department

502-899-2370 • jthompson@aph.org

atic@aph.org

does this tell you about his use of emotional appeals and loaded language in this piece?

251 251

ANALYZE VISUALS What figures and objects are emphasized by the composition, or the arrangement of shapes? Consider what this emphasis adds to the painting's meaning.



Washington Crossing the Delaware (1851), Eastman Johnson. Copy after the Emmanuel Leutze painting in the Metropolitan Museum, New York. Private collection. © Art Resource, New York.

None can say that our retreat was precipitate, for we were near three weeks in performing it, and the

Cortical Visual Impairment: Website and APH Products

Website Offers a Wealth of CVI Information

APH offers free information about Cortical Visual Impairment (CVI) to consumers via the web. Sections include a definition of CVI, intervention strategies, advocacy and resources, and many more.

The website is an evolving resource of current knowledge on this leading cause of blindness. It provides information from medical, educational, and parental perspectives, as well as allowing an open door to communicate on the topic.

To explore the CVI website, go to www.aph.org/cvi/



Suggested APH Products for Use with Children with CVI

Some products that may be appropriate for use with children who have Cortical Visual Impairment:

All-In-One-Boards: 1-08833-00, 1-08836-00	121
CVI Complexity Sequences Kit: 1-08156-00	135
CVI Perspectives Informational Video: 1-30014-DVD.....	134
Invisiboard: 1-08541-00.....	128
Light Box: 1-08660-00.....	130
Light Box Materials Kit, Level I: 1-08670-00.....	131
Light Box Materials Kit, Level II, full kit: 1-08680-00	131
Pegs/Pegboard: 1-08665-00	
Familiar Object Picture Cards: 1-08666-00	
Let's Talk Limbic: 1-31004-00	16
Mini-Lite Box: 1-08661-00	130
Mini-Lite Box Transparent Overlays: 1-08662-00	130
Picture Maker: Wheatley Tactile Diagramming Kit: 1-08838-00	145
ReadWrite Stands: 1-03206-00, 1-03207-00	98
Sensory Learning Kit (SLK): 1-08611-00	27
Spinner Overlays for the Light Box: 1-08692-00	129
Swirly Mats: CVI: 1-08153-00	133
Swirly Mats II: CVI: 1-08158-00.....	133
TADPOLE Kit (selected items): 1-08155-00.....	7
ToAD Kit (selected items): 1-08152-00	8
VIPS@Home Parent Empowerment Program: 8-00075-00, 8-00076-00, 8-00078-00.....	25



Ayuda a Nuestros Clientes en Español

A nuestros clientes hispano hablantes:

Nos complace proporcionar servicio al cliente y poder asistirle en español. Por medio de correo electrónico, podemos ayudarle con sus preguntas acerca de pedidos, devoluciones, reparaciones o cualquier otra duda que usted tenga.

¿Sabía que APH ofrece cada vez más productos en español? Búsque estos productos en nuestra página de internet, o pida información a nuestros representantes acerca de estos productos.

Su patrocinio es muy importante para nosotros, gracias.

El personal de la American Printing House for the Blind, cs@aph.org

APH ofrece ciertos productos y manuales en español.

Boehm-3 Preschool Big Picture Kit: 1-03880-00	21
Child-Guided Strategies: 1-31001-SP	16
Classroom Calendar Kit: 1-18973-00	94
Light Box Materials Activity Guides	
Level I: 7-08670-SP.....	131
Level II: 7-08680-SP	131
Level III: 7-08690-SP	131
Parent Early Childhood Educational Series: 7-96202-00	18
Tactile Connections Guidebook: 7-08837-SP	85
Zeitgeist Talking Time Machine: 1-03974-SP.....	162

How to Order: At-A-Glance

U.S. Customers Order Online:

- Go to **shop.aph.org** for accessible, secure ordering
- System is friendly for synthetic speech and large print users
- One-time, easy account setup
- Purchase on-line using: Discover®, MasterCard®, Visa®, or American Express®; Purchase Order; or Federal Quota funds

Order by Phone:

- **800-223-1839**: Call toll free (U.S. and Canada) and use a credit card.

Order by Mail:

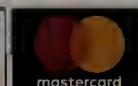
- Mail an APH order form or a letter stating desired items and quantities. Include a check, money order, or credit card number with expiration date and security code.
- Mail to:
American Printing House for the Blind, Inc.
1839 Frankfort Avenue
Louisville, KY 40206-3152
- **IMPORTANT**: Checks and money orders must be in U.S. dollars. Kentucky residents include 6% sales tax.

Ordering for an Organization:

- If you have an account established with APH, use your organization's purchase order; otherwise use a check or credit card. If you are ordering with Federal Quota funds, send a Quota Order Form signed by the Ex Officio Trustee assigned to your account.

Shipping Methods:

- Shipping Methods within the U.S.: Most material ordered by or for people who are visually impaired can be shipped Free Matter for the Blind. Some exceptions apply—please see the detailed ordering information that follows.
- If you wish to use another type of shipping, contact APH before placing the order. APH will give you the cost of shipment based on the items you order and the type of shipment preferred. This amount must be sent along with the purchase price of the items. Please also note on your order the type of shipment you prefer.



Contents of This Section

How to Order:

At-A-Glance	206
Detailed Information.....	207
Ordering Methods and Terms of Payment.....	208
Ordering Information Needed.....	208
Shipping Methods	209
Special Ordering Instructions for Certain APH Software Products.....	209-210
Returns Policy	211
Warranties	212
Repair Policy	212

How to Order: Detailed Information **shop.aph.org**

American Printing House for the Blind, Inc.
1839 Frankfort Avenue • Louisville, KY 40206-3152
Phone: 502-895-2405 • 800-223-1839 • Fax: 502-899-2284

For Domestic Customers—Ordering Methods and Terms of Payment

Ordering Methods—Domestic:

Order by one of the following methods:

- **Website:** U.S. customers order at **shop.aph.org**
System is accessible and secure. Purchase on-line using: Discover, MasterCard, Visa, or American Express; Purchase Order; or Federal Quota funds. There is a one-time account set-up on our website for credit card orders. For purchase orders or Federal Quota orders, please call us to set up your on-line account. "Quick Order" if you know the catalog numbers.
- **Phone:** Call toll free in the U.S. or Canada: **1-800-223-1839** between the hours of 8:00 am and 4:30 pm Eastern Time. Use a credit card.
- **Mail:** An **APH Order Form for Individuals** or a letter in print or braille. Include either a check, money order, or credit card number with expiration date and security code. **Sorry no C.O.D.s.**
- **If you are ordering for an organization:** Mail or fax your organization's purchase order.
- **If you are ordering with Federal Quota funds:** For a residential school, state department of education, rehabilitation agency, or other agency which has been assigned Federal Quota funds, use a Quota Order Form. This form must be signed by the Ex Officio Trustee for your account prior to submission to APH.

HOW TO ORDER AND RELATED INFORMATION

Terms of Payment—Domestic

Payment must accompany order (with the exception of purchase orders and Federal Quota orders). APH accepts:

- Checks
- Money orders
- Discover, MasterCard, Visa, or American Express
- Purchase orders from organizations. Terms for open account orders are NET 30.

Sorry, no C.O.D.s.

Credit Card Orders: Please include the following:

- Card type
- Security code
- Signature
- Billing address of credit card
- Card number
- Expiration date
- Phone number

Kentucky State Sales Tax: Residents of Kentucky must send state sales tax along with the purchase price of their orders: Kentucky State Sales Tax: 6%

Please note that product prices are subject to change without notice.

For Customers Outside of the U.S.— Ordering Methods & Terms of Payment

International customers please order by one of these methods:

- **To order by credit card,** call 1-502-895-2405, fax 1-502-899-2284, or mail us a print or braille letter. Include your credit card number, expiration date, and security code.
- **Mail a check** from a U.S. bank.
- If you have an established account with APH, mail or fax us your organization's P.O. To establish an account, please call Accounts Receivable: 1-502-895-2405.
- **Request a pro forma invoice:** Mail or fax a letter of inquiry specifying which products you wish to order. Also include whether you prefer shipment by surface or air mail. We will send you a pro forma invoice showing product prices and shipping costs.
- **Request a pro forma invoice online:** APH offers an easy-to-use form on our website for requesting a pro forma invoice. The form will prompt you for all of the information we need to give you a complete cost for your international order. Please visit www.aph.org/products/proforma/

For All Customers— Ordering Information Needed

Please include the following information when ordering:

- Catalog numbers
- Quantity
- Product names
- Price each
- Total amount of purchase
- Method by which the products are to be shipped
- Kentucky state sales tax, shipping charges, and insurance charges, if applicable (see "Terms of Payment," "Shipping Methods," and "Insurance").
- Total amount due
- APH account number (if you are ordering with a purchase order or Federal Quota)

Shipping Methods

Shipping Methods within the U.S.: Most items ordered by or for people who are visually impaired will be shipped Free Matter for the Blind, unless otherwise requested. **Note:** *Certain high-dollar items cannot be shipped Free Matter.*

To have items shipped other than Free Matter, write or call APH before placing an order. Tell us the items you wish to order and the type of shipment preferred. APH will then give you the cost of shipment. The shipment cost must be sent along with the purchase price of the items when you mail in the order. Also write on your order the type of shipment you prefer. Shipment choices other than Free Matter within the U.S. include:

- **U.S. Postal Service® Priority Mail:**
2–3 day delivery to any address (including P.O. boxes). No additional charge for Saturday delivery. No Sunday or holiday delivery.
- **U.S. Postal Service® Express Mail:**
Guaranteed next day delivery to most addresses (including P.O. boxes), 7 days a week, 365 days a year.
- **United Parcel Service® (UPS) Ground:**
4–7 day delivery to street addresses only (no P.O. boxes). No weekend or holiday delivery.
- **UPS 3-Day:**
Guaranteed 3-day delivery to street addresses only (no P.O. boxes). No Saturday, Sunday, or holiday delivery.
- **UPS 2-Day:**
Guaranteed 2-day delivery to street addresses only (no P.O. boxes). No Saturday, Sunday, or holiday delivery.
- **UPS Overnight:**
Guaranteed next day delivery to street addresses only (no P.O. boxes). Additional charges for Saturday delivery. No Sunday or holiday delivery.

Note: *Normal APH order processing time is 5-10 working days before a product is actually shipped.*

Shipping Methods Outside of the U.S.: Certain items ordered by or for visually impaired people can be shipped to most overseas destinations via Free Matter for the Blind (surface mail). These include books, paper, and slates/styluses. The shipping charges for all other APH items must be paid by the customer. We recommend shipment by Priority Mail International airmail®, as surface mail is slow. All export and/or import duties, brokerage fees, etc., are paid by the customer. Please check with your customs broker to make arrangements in advance.

Two Ways to Order APH Software for Windows

APH offers two convenient ways to order most of our software for Windows® products.

- Order the CD-ROM via website, toll-free, or mail.
- Purchase the program through **Digital Download**. Download the demo version of the software from our website **tech.aph.org** Call **800-223-1839** and give us your credit card number. Within 24 hours, we will give you a code key that transforms your demo copy of the software into a full copy.

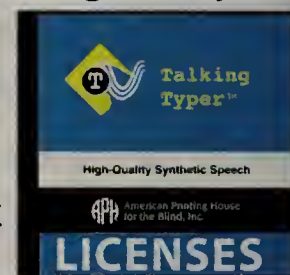


IOS is a trademark or registered trademark of Cisco in the U.S. and other countries and is used under license. Apple, VoiceOver, iPad, iPad mini, iBooks, Mac, and the Apple logo are registered trademarks of Apple Inc., registered in the U.S. and other countries. App Store is a service mark of Apple Inc. Android, Google Places, Google Play, Google Play logo, Google Books, and Chrome are trademarks of Google Inc. Foursquare® is a trademark of Foursquare Labs, Inc. ("Foursquare") in the U.S. and other countries. Windows is a registered trademark of Microsoft Corporation in the United States and/or other countries. Linux® is the registered trademark of Linus Torvalds in the U.S. and other countries. EPUB is a registered trademark of the IDPF. Radium is a registered trademark of Radium Foundation. Adobe Digital Editions is a registered trademark of Adobe Systems Incorporated in the United States and/or other countries. The Bluetooth® word mark and logos are registered trademarks owned by the Bluetooth SIG, Inc. and any use of such marks by [licensee name] is under license. Other trademarks and trade names are those of their respective owners. VELCRO®, VELTEX®, and VELCOIN® are registered trademarks of Velcro Industries B.V. SD is a trademark or registered trademark of SD-3C, LLC in the United States, other countries or both.

HOW TO ORDER AND RELATED INFORMATION

To purchase multiple licenses for Talking Typer for Windows Software:

- Place your order using a credit card, purchase order, or Federal Quota order. Please specify the exact number of licenses needed. Specify a registration name that APH will use to assign a key code to your licenses.
- Follow one of the two steps in box on previous page.
- Your receipt from the transaction is your license to place the software on the appropriate number of computers, up to the maximum number of machines that you specified.



Ordering Apps for iOS Devices Using Quota or Non-Quota Funds

How to Purchase Apps for iOS Devices With Quota Funds:

- **Ordering:** Ex Officio Trustees can submit a signed Quota order for one or more licenses [Math Robot, Talking Typer, Nearby Explorer] to APH by fax or mail. Please provide a contact person's email address or phone number on your order. **Note:** At this time, APH mobile apps cannot be ordered online using Quota funds.
- **Receiving:** APH will email an Apple Content Code for each license that you order. You will also receive a hard copy confirmation of each code printed on the invoice that APH mails to you.
- **Distribution:** EOTs are responsible for distributing Apple Content Codes to those teachers or others in their states who have ordered [Math Robot, Talking Typer, Nearby Explorer] on Quota.
- **How to Install:** The end user will install [Math Robot, Talking Typer, Nearby Explorer] with their Apple Content Code by: using his or her iOS device > open App Store > select the "Featured" tab > scroll to the bottom of the Featured screen > select "Redeem" > enter the password for the device > follow instructions on Redeem screen.

How to Purchase Apps for iOS Devices Using Non-Quota Funds

- **Purchase from Apple Using Non-Quota Funds:** You have the option to purchase [Math Robot, Talking Typer, Nearby Explorer] from the App Store using non-Quota funds.



To Purchase Nearby Explorer App for Android Devices from the APH File Repository:

Note: Nearby Explorer IS available with Federal Quota funds! *All Quota purchases must be made via the APH File Repository, the Google Play site cannot be used for Quota purchases.*

Direct link to the Nearby Explorer app in the APH File Repository:

louis.aph.org/product/Nearby-Explorer,142793.aspx?FormatFilter=8

For general information about registering and purchasing files from the APH File Repository, please visit:

louis.aph.org/pages/AboutE_Files.aspx

To Purchase from the Google Play Application site Using Non-Quota Funds:

Note: cannot use Quota funds through Google Play.

Direct link to the Nearby Explorer app in Google Play:

<https://play.google.com/store/apps/details?id=org.aph.avigenie>

For general information about registering and purchasing files from Google Play, please visit:

<https://play.google.com/store/apps>

Returns Policy

Defective Merchandise:

APH makes every effort to inspect merchandise before it leaves our facility. If by chance you do receive an item which is defective, we will repair or replace it at no cost to you (we reserve the right to choose whether we will repair or replace the item). In the case of items that have a specific warranty, we must be notified within one year of the date the item was shipped to the end user. In the case of items that do not have a specific warranty, we must be notified within 30 days of the date the item was shipped to the end user. For more information on warranties, please refer to the following section.

Other Returns:

We want you to be satisfied! You may return most APH products for any reason within 60 days of the date that the item was shipped from APH, subject to the following conditions:

- We require prior authorization for a return. Write or call APH Customer Service to explain which items you would like to return. We will give you a Return Authorization Number. When returning the items to APH, please write this Return Authorization Number on the outside of the shipping container. APH will refuse a product return if the Return Authorization Number is not written on the outside of the shipping container.
- When returning items to APH, include your original purchase order number or a copy of the original packing slip or invoice. This will allow us to process your return more quickly.
- Items must be nondamaged and in a resalable condition.
- A 10% restocking charge may be deducted from your refund.

Notes: 1.) The following items may not be returned for any reason other than defects, and 2.) An order for the following books may not be canceled once production of the book has begun:

- Software: APH offers free demo versions of our software for you to try. Once you have ordered a full copy of the software, whether a CD or an electronic download, the software may not be returned. The only exception is that you may return a defective CD.
 - Special-order items, including custom-made books
- Note:** An order for the following books may not be canceled once production of the book has begun:
- Large print books (catalog number prefixes 4-, A-L, F-, J-, L-, L-C, or M-)
 - Braille Books (catalog number prefix A-B or T-N)

Limited Warranties on APH Products

All APH products are covered by a limited warranty. Certain products are covered by a warranty that expires one year from the date the item is shipped to the end user. All other products are covered by a warranty that expires 30 days from the date the item is shipped to the end user. Warranty does not apply in cases of customer modification, misuse, or abuse of APH products.

Warranty on Repairs

There is a 90-day warranty for work performed by APH on repaired equipment. This warranty covers both labor and parts. As always, the warranty does not apply in cases of customer modification, misuse, or abuse of APH products. *Please note that extended warranties do not cover replacement of electronic product accessories, including rechargeable batteries.*

General Repair Policy

If you are experiencing trouble with an APH product, please call **800-223-1839**. It is possible that we can solve your trouble over the phone.

Products Under Warranty

If your product is still under warranty, we will repair or replace the item at no cost to you (subject to some restrictions). Please ship the product to us along with a written description of the problem.

Orbit Research and Freedom Scientific Products: Warranty and Non-Warranty Repairs

Customers should notify Customer Service at **800-223-1839** or **cs@aph.org** for special instructions for repairs of the **Orion TI-36 Calculator** (1-07335-01), **Orion TI-84 Calculator** (1-07340-00), **Orion TI-30XS Calculator** (1-07330-00), **Orbit Reader 20** (1-07419-00), and **Video Mag HD** (1-03914-00). *These products should not be returned to APH for repair.*

Products Out of Warranty

FEE TO BE DETERMINED FOR REPAIR

Some products do not have a set fee for repairs due to the wide range of prices for repair parts. A non-refundable evaluation/handling fee is charged for these items, which includes return shipping by UPS. Before products are repaired, you will be notified for your approval of the repair fee. If you choose to have the item repaired, the evaluation/handling fee will be applied toward the cost of the repair.

The following products have a non-refundable evaluation/handling fee:

- | | |
|--|--|
| • Book Port Plus: 1-07191-00.....\$50.00 | • Perkins/APH Brailier: 1-00800-00 ... \$135.00 |
| • Book Port DT: 1-07200-00.....\$50.00 | • Refreshabraille 18: 1-07445-01 \$120.00 |
| • Braille Plus 18: | • APH Smart Brailier: 1-00820-00 \$135.00 |
| 1-07466-00 (<i>discontinued</i>)..... \$120.00 | • VisioBook: 1-03913-00 \$120.00 |
| • Joy Player: 1-07089-00 .....\$50.00 | |

SET FEE FOR EACH PRODUCT FOR REPAIR

There is a specific, set repair fee for some commonly serviced APH products. The fee is to be submitted at the time the product is shipped to APH for repairs. Please be sure to include a written description of the problem. You may pay the fee with a check; money order; Discover, MasterCard, Visa, or American Express credit card; purchase order; or Federal Quota order. If you do not include the set repair fee, your equipment will not be repaired until the fee is received. You will not be charged more than the set fee for a particular item no matter how extensive the necessary repair. Items which are not repairable will be returned to you. For an unrepairable item, you will receive a refund of the repair fee, with a \$5.00 handling charge deducted.

Set Repair Fees for APH Products:

- | | |
|---|---|
| • Handi-Cassette II: | • Perkins Brailers: 1-00815-00 (current), |
| 1-07085-00 (<i>discontinued</i>).....\$85.00 | 1-00850-00 (<i>discontinued</i>), |
| • Light Boxes: 1-08660-00 (<i>discontinued</i>), | 1-00860-00 (<i>discontinued</i>) \$150.00 |
| 1-08669-00 (current)..... \$155.00 | • Portable Sound Source III: |
| • Mini-Lite Box: 1-08661-00 (current).....\$65.00 | 1-03040-01 (<i>discontinued</i>).....\$50.00 |
| | • Portable Sound Source 2003: |
| | 1-03040-02 (<i>discontinued</i>).....\$50.00 |

A


Abacuses 47, 60
 ABC's of Braille 108
 Accessible
 Magazines 202
 Materials, custom made 201
 Multiple Choice
 Answer Sheets 12
 Textbooks (ATIC) 203
 Accordion Paper Refill 115
 Activities for Concept
 Development 20
 Adapted Practice
 Checkbook 166
 Adapting Science for Students
 with Visual Impairments 63
 Addendum 1 to the
 Nemeth Code 181
 Addition and Subtraction
 Table 53
 Address Book, EZ Track 165
 Address: Earth, Large Format
 Color Atlas 72
 Adhesive, Sticky Dots 35, 88
 Advanced Desktop Stick-On
 Number Lines 48
Advertisements
 Accessible
 Magazines 159
 Tests & Textbooks Dept. 5
 APH
 Annual Meeting 147
 BOP 100
 InSights Art
 Calendar 122
 Competition 77
 Museum 174
 News 35
 Product Feedback 68

Advertisements, cont.
 APH, cont.
 Product Videos 179
 Sale Announcements 115
 Social Media 84
 Shopping 6, 25, 30, 75,
 101, 119, 121, 144, 181
 Website 154
 Braille Practice 93
 Custom Accessible
 Materials 180
 CVI Resources 29
 Downloadable Manuals 113
 Fred's Head Blog 31
 Large Print
 Textbooks 55, 66, 73
 Louis Database 141
 Product Idea Submission 64
 Physical Ed. Resources 79
 TREKS 138
 Unforgettable APH Star 168
 All Aboard 42
 All-in-One Boards 121
 Alphabet Card Folder, APH 100
 Alphabet Scramble
 Storybook 24
 Aluminum Diagramming
 Foil 90
 American History,
 Brain Quest 69
 American Printing House for
 the Blind, History in the
 Making 174
 Analog Clock Model 54
 Animals: Sense of Science 65
 Answer Sheets,
 Multiple Choice 12, 96
 APHont 134
 Armadillo Army Software 137

Art Competition and Exhibition,
 APH InSights, about 200
 Art Instruction, Time for Art 75
 Assessment *See* Test
 Astronomy: Sense of Science 65
 Audio Feedback
 EZ
 Fill Pouring Aid 164
 Test Battery Tester 163
 Talking Calculator 166
 Audio Recording, Digital:
 Studio Recorder Software 178
 Auditory Comprehension:
 Listen and Think 96
 Azer's Interactive Periodic
 Table Study Set 68
 Parts 186

B

Backpack, Transition Tote
 System 156
 Ball
 APH Sound 79
 Kit, Sound Adapted Tangle 34
 Rib-It 79
 BANA
 Braille Transcription
 Codebooks 181
 Guidelines & Standards for
 Tactile Graphics 181
 Baseball, Touch 'em All 170
 Basic 9
 Basic Science Tactile
 Graphics 63
 Basic Skills, Brigance 10
 Basic Tactile Anatomy Atlas 63
 Beads,
 Braille 77
 Giant Textured 30-31

- Becoming A "Can-Do" Kid, VIPS (video) 31
- Beginner's
Abacus 60
Writing Paper 110
- Best for a Nest Interactive Storybook, The 19
- Big Cell, Braille 101
- Binder
Floppy, Braille 119
Krebs', 19-Ring, for Braille 120
- Blue Balloon, The (OTWL) 23
- Board
All Aboard Magnetic Dry Erase 42
All-in-One 121
Student Model 121
CVI, Invisi- 128
Shape 33
Tri-fold 128
- Boards, Hundreds and Manipulatives 56
- Board games
Games of Squares 173
Scattered Crowns 171
TREKS 173
Web Chase 171
- Boehm-3 Preschool Kits 6
- Bold Line
Paper 117-118
- Bold-Line Tactile Graph Sheets 118
- Bolt,
Nut, and Washer Board 78
Practice Board 78
- Book
About Me (OTWL) 22
Port DT 149
Port Plus 149
Wizard Software 154
- Boxes, Calendar, Expandable 87
- Boy and the Wolf, Moving Ahead Series 26
- Brailleable Labels & Sheets 86
- Braille
ABC's of 108
Alphabet & Numbers Card 97
Badges 151
Beads: APH Starter Kit 77
Business Card Embosser 179
Clock Face Sheets 54
Code for Chemical Notation 181
Contraction(s)
Cards 100
Quick Check 97
DateBook 161
Dividers, 3-Hole Punch 115
Documents, Covers for 115
Envelopes for, Mailing 115
Fun with 97
Instruction: Lots of Dots 36
Kit, Quick 115
Meterstick 59
Notebooks 115, 117, 120
Paper 116
Place Holder, Stokes 110
Plastic Binder Envelopes 119
Pocket Folders 119
Quick-Note Products, MinBook 161
Reading Program:
BOP 103-107
Series, Illinois 180
Slates, Styluses, Erasers 111-112
Student Readers, WRS 40-41
Student Starter Pack 110
Super-Sized Folders 119
Swing Cell Compact 101
T-Shirts, APH
"Special Touch" 183
Touch and Tell 101
Transcriber's Kits 109
- Braille/Large Print Rulers 58-59
- Braille/Print Weekly Reader 97
- Braille, Visual 151
- Braillewriters (Brailleurs) 114
- Braillewriting Dot by Dot 108
- Brailon Paper 116
- Brain Quest: LP/Braille Edition 37, 61, 69
- Brannan Cubarithm Slate and Cubes 56
- Bridge to Learning and Living: Functional Vision (video) 15
- Brigance Diagnostic Comp. Inventory of Basic Skills 10
- Bright Line Reading Guide 127
- Budgeting and Money Handling 166
- Building on Patterns (BOP): 103-107
- Bumpy Rolls Away (OTWL) 23
-  Calculators
Orion
TI-84 Plus Graphing 49
TI-30XS Scientific 49
Talking 166
- Calendar
APH InSights, Art LP/Brl 182
Boxes, Expandable 87
Stabilizer 87
Everyday Activities 18
EZ Track 165
Kits 94
Pages for Braille Datebook 161
- Card(s)
Chart Kit 94
Colored Shape 132
Drill, Math 57

- Card(s), cont.
 - Expanded Dolch Word 37
 - Score 170
 - Caterpillar, The (OTWL) 23
 - CHARGE Syndrome Revisited 16
 - Charger, 2 Amp USB 150
 - Checks, Bound Practice /Deposit Tickets 166
 - Checkbook, Adapted Practice 166
 - Child-guided Strategies 16
 - Circle Set, Peg-A- 32
 - Circles: Small, Medium, & Large, Set I & II 33
 - Classroom Calendar Kit 94
 - Parts 186
 - Clock
 - Analog Model 54
 - Face Sheets in Braille 54
 - Clothing Tape, Tactile 163
 - Codebooks, BANA, NLS 181
 - Collegiate Boldline Spiral Notebook 117
 - Color Beam Book 124
 - Color-by-Texture
 - Marking Mats 76
 - Color Me Book, BOP 103
 - Coloring the Garden, LOD 36
 - Colorino 162
 - ColorTest II: Talking Color Analyzer 162
 - Compass for Math and Art, Tactile 51
 - Constructo Set, Jr Wooden 175
 - Consumable
 - Hundreds Chart 53
 - Number Lines 48
 - Container Opening Tool 150
 - Counting
 - 1 2 3, LOD 36
 - Method: Abacus Basic Competency 59
 - Quick Pick 57
 - Countries and Continents: Braille Transcriber's Kit 109
 - Covers for Braille Documents 115
 - Crafty Graphics Kit 91
 - Parts 186
 - Cranmer Abacus 60
 - Hands-On Experience (video) 60
 - Custom Graphics: Tactile Graphics Kit 90
 - CVI (Cortical Visual Impairment)
 - Complexity Sequences 135
 - Information 204
 - Invisiboard 128
 - Match Sticks 127
 - Perspectives (video) 134
 - Swirly Mats 133
 - Cylinder Set, Sensory 32
- D**
- DAISY book readers
 - Book Wizard 154
 - Book Port DT 149
 - Book Port Plus 149
 - Data Collection, MathBuilders Unit 8 46
 - DateBook, Braille 161
 - Deafblind
 - Assessment 16
 - Products 4
 - Using APH Products, Students Who Are (video) 159
 - Denver, Guide Dog (video) 144
 - Desktop Stick-On
 - Number Lines 48
 - Desk Top Reading Stand 99
 - Development of Visual Skills: Tools & Activities, TADPOLE 7
 - Tools for Assessment, ToAD 8
 - Developmental Guidelines for Infants with VI 19
 - Diagramming Kit: Picture Maker, Wheatley Tactile 145
 - Digital
 - Audio Recording: Studio Recorder Software 178
 - Cartridge Mailer 150
 - Light Box Artwork 134
 - Talking Book Cartridge 150
 - Discovering the Magic of Reading 24, 100
 - Dot by Dot, Braillewriting 108
 - DNA-RNA Kit 67
 - DNA Twist 67
 - DRAFTSMAN Tactile
 - Drawing Board 92
 - Parts 187
 - Draw2Measure Protractor 45
 - Drill Cards, Math 57
- E**
- Early
 - Childhood Education Series 18
 - Development: Brigance 10
 - Easel, Portable Reading, GrandStand 99
 - Echolocation and FlashSonar 139
 - Effective Use/Objects: Process Centered Intervention 29

"Elizabeth's Story"
(OTWL) 24, 100

Embossed
Graph Sheets 118
Pencil Writing Paper 110

Embossing Kit, Stencil,
Crafty Graphics 91

Emmy's Town Software,
Toodle Tiles 137

English
Brain Quest 37
Measurement Ruler, Braille 58

ENVISION Program 125
Parts 187

Erasers, Slates, and Styluses,
Braille 111-112

Everybody Plays 80

Everyday Activities Calendar 18

Expandable Calendar Boxes 87
Parts 187

Expanded Beginner's Abacus 60

Expanded Dolch Word Cards 37

Experiential Learning: Activities
for Concept Development 20

EZ
Fill Liquid Sensor 164
Test Battery Tester 163
Track Products 165

EZeeCOUNT Abacus 47

F
Familiar Object Pictures 132
Feel 'n Peel Products 88-89
Financial Record Keeper, EZ
Track, Large Print 165
Fine Motor Dev. Materials 29
Parts 188

Fitness Kit
Jump Rope to 81
Walk/Run for 81

Flashlight Kit, Variable
Beam 124

Flexible Rulers (Braille/LP) 59

Flip-Over Concept Books 102

Floppy Braille Binder 119

FOCUS in Mathematics Kit,
2nd Edition 52
Parts 188

Foil, Aluminum
Diagramming 90

Folders 119

FoldRite: Letter Folding Tool 78

Font for Low Vision, APHont 134

Form Board Kit, Puzzle 32

Fractional Parts of Wholes Set 56
Parts 189

Fractions, Mixed Numbers,
and Decimals, MathBuilders
Unit 7 46

Fred's Head from APH Blog 200

From Russia with Love & Care 16

Full of Hope, VIPS (video) 31

Functional
Activities/VI Preschoolers,
HANDS ON 29
Vision Assessment (video) 15

Fun with Braille 97

FVA (Functional Vision
Assessment) Swirly Mats 133

FVLMA (Functional Vision and
Learning Media Assessment) 9

G
Game
Brain Quest 37, 61, 69
Kit 171
Parts 189
Quick Pick
Blank Cards 58
Counting 57
Math 57
Tactile Attribute, Scattered
Crowns 171
TREKS 173
Web Chase 171

Games for People with
Sensory Impairment 80

Games of Squares 173

Genetic Code Large Print
Braille 66

Geography: Brain Quest 69

Geometric Forms 54

Geometro 50
Cylinder and Cone 50

Geometry
MathBuilders, Unit 6 46
Tactile Graphics Kit 54

Geraldine's Blanket (OTWL) 22

Getting to Know You 159

Giant Textured Beads 30-31
Parts 189

Gift Items, APH 182-183

Giggly-Wiggly, Snickety-Snick
(OTWL) 22

Glare-reducing sheets,
GlaReducers 10, 11

Globe: Tactile and Visual 70

GlowDice, Talking 170

Gobs of Gum (OTWL) 22

Goin' on a Bear Hunt,
Moving Ahead Series 26

Going Places:
Transition Guidelines,
Physical Activities 82
O&M, VIPS (video) 31

Good Tactile Graphic,
The (video) 107

GrandStand Portable
Reading Easel 99

Graph Sheets, All 118

Graphic(s)
Aid for Mathematics 54
Art Tape 91
Image Library, Tactile 201
Starter Kit, Tactile 90
Tactile
Kit 90
Geometry 54

Graphing Calculator, Talking,
Orion TI-84 Plus 49

Gross Motor Development
Curriculum 82

Growing My Way, VIPS
(video) 31

Gumdrop Tree, The (OTWL) 23

H

Handheld Magnifier,
Video Mag HD 126

Hands On Experience
w/the Cranmer
Abacus (video) 60
VIPS (video) 31

HANDS ON: Functional
Activities/VI Preschoolers 29
Parts 190

Hatlen Center Guide,
Quick & Easy ECC 157

Headphones, Stereo 150

History in the Making:
The Story of APH 174

Holder for Slates 111

Homegrown Videos
Lighting Guide Kit 136
Loving Me 178
Picture Maker 144
Sensory Learning Kit 27
Students Who Are
Deafblind 159

ToADaily Awesome! 8

How to Order and Related
Information 206-212

Hundreds
Boards and Manipulatives 56
Parts 190
Chart, Consumable 53

I

Illinois Braille Series 180

Impressor: Braille Business
Card Embosser, The 179

Individual Calendar Kit 94

Individual Study Screen 123

Infants with VI, Developmental
Guidelines 19

InSights, APH Large Print/Braille
Calendar 182

Interactive U.S. Map with
Talking Tactile Pen 74

Intervention Continuum 4, 85

Introduction to Braille
Mathematics 181
Music Transcription 181

Invisiboard 128

J

JAWS & MAGic Student Ed 148

Jellybean Jungle (OTWL) 22

Jennifer's Messes (OTWL) 22

Joy Player, The 28

Jumbo Work/Play Tray 34

Jump Rope to Fitness Kit 81

Junior Constructo Set 175

K

Kindergarten Braille: BOP 103

Krebs' Binder 120

L

Labeling, Marking, and
Organization 167

Labels
and Sheets, Brailleable 86
MagneTachers 168
Word Associations Print/Brl 93

Lamp, Better Vision 136

Language & Math Concepts
for Young Children,
Tactile Treasures 30

Large Print and Tactile
Protractors 55

Large Print/Braille Rulers 58-59

Learning
About the World,
VIPS (video) 31
Kit, Sensory, (SLK) 27
My ABC's, LOD 36
Nemeth Braille Code, the 181

Learn Keys software 95

Lenses: UltraLens 127

Let's Talk Limbic 16

- Letter
 - Folding Tool: FoldRite 78
 - Board, Script 110
- Life Science Tactile Graphics 63
- Light Box 130
 - Artwork, Digital 134
 - Materials and Activity Sets 131-132
 - Parts 190-191
 - Spinner Overlays 129
- Light In-Sight: Reflection & Refraction Kit 62
- Lighting Guide Kit & Video 136
- Line Paths: Flip-Over Concept Books 102
- Line Slate, Tactile Graphic 113
- Liquid Sensor, EZ Fill 164
- Listen and Think 96
- Lite Box, Mini 130
- Literacy, On the Way to 22-24
- Little Breath of Wind storybook 20
- Littlest Pumpkin, The (OTWL) 23
- Longest Noodle, The (OTWL) 23
- Lots of Dots (LOD) Series 36
- Loving Me 178
- Low-Relief Embossed Graph Sheets 118
- Low Vision Font, APHont 134
- M**
 - Magazines
 - Accessible Editions of 202
 - SQUID Tactile Activities 175
 - MAGic & JAWS Student Ed 148
 - MagneTachers Magnetic Labels 168
 - Magnetic/Velcro/Dry Erase, All-in-One Boards 121
 - Magnifier, VisioBook 123
 - Mailing Envelopes for Braille 115
 - Making Friends VIPS (video) 31
 - Making Picture Recipes 164
 - Map(s)
 - Collection, State 73
 - Puzzle, U.S. 71
 - Relief, for Desk Use 70
 - Recognizing Landforms 73
 - U.S. and Canada 71
 - U.S., BTK 109
 - World, Tactile 69
 - Marking Mat, Tactile 110
 - Mat Sets, Swirly 133
 - Match Sticks 127
 - Matching
 - Blocks, Textured 32
 - Board (I & II), Sound 32
 - Sorting, and Patterning, MathBuilders, Unit 1 46
 - Materials
 - Carry-All 179
 - Light Box 131
 - Utilization of Low Vision (ULV), on 128
 - Math
 - Braille Transcriber's Kit 109
 - Drill Cards 57
 - Quick Pick 57
 - Robot 44
 - MathBuilders Kits 46
 - Parts 192-193
 - Mathematics
 - Graphic Aid for 55
 - Kit, FOCUS in 52
 - Nemeth Code Reference Sheet for 56
 - Test Ready, Plus 13
 - Math Flash Software 45
 - Measurement and Estimation, MathBuilders Unit 5 46
 - Medical Record Keeper, EZ Track 165
 - Meterstick (Braille) 59
 - Metric-English Measurement Ruler, Braille 58
 - Miniguide US 142
 - MiniBook Braille
 - Quick-Note Products 161
 - Mini-Lite Box 130
 - Money Handling and Budgeting 166
 - Money Talks Software 166
 - Monocular Storage Mini-Bags, RollBuster II 124
 - Move, Touch, Do! 18
 - Moving Ahead Series 26
 - Moving Through the World, VIPS (video) 31
 - Multiple-Choice Answer 12, 96
 - Multiplication & Division Table Kit 53
 - Museum
 - APH 174
- N**
 - National Geographic Picture Atlas of Our Fifty States 70
 - National Instructional Partnerships (NIP) 201
 - Nearby Explorer 140-141
 - Nemeth Code
 - Mathematics and Science Notation, for 181
 - Ref. Sheet for Basic Math 56

Nemeth Tutorial 44
 Newsweek 202
 Notebook
 Azure Blue 115
 Boldline Spiral 117
 Braille, 3-Ring 115
 Paper 117
 Pocket-Size, 6-Ring 120
 Spiral Pocket 120
 Number Line Device 48
 Parts 193
 Number Lines 48

O

Objects, Effective Use of, 29
 O&M
 Family Booklet Software 144
 Going Places VIPS (video) 31
 Miniguide US 142
 Picture Maker 145
 Portable Sound Source 80
 Quick-Draw Paper 93
 Step-by-Step 143
 Tactile Graphics 142
 Tactile Town 142
 Wheelchair Users with VI 146
 One-Foot Braille Rulers 58
 On the Way to Literacy (OTWL)
 APH SoundPage 24
 Handbook and Related 24
 Pumpkin Puzzles 24
 Tactile Storybooks 22-23
 Orbit Reader 20 152
 Ordering Information 206-212
 Organizers
 Braille DateBook 161
 EZ Track Series 165
 Pocket-Size Notebook 120

Orion
 TI-30XS Talking Scientific
 Calculator 49
 TI-84 Plus Talking
 Graphing 49
 Outline Maps of the United
 States, Braille & LP 73

P

Padlock, Push Button 166
 Paint Pot Palette 75
 Paper 116-118
 Parent Early Childhood
 Education Series 18
 Parents and Their Infants With
 Visual Impairments (PAIVI) 21
 Parenting With a Visual
 Impairment 21
 Parquetry Set, Seated 128
 Parts of a Whole: Flip-Over
 Concept Books 102
 Parts of Wholes Set, Fract. 56
 Patterns
 Building on: Primary Braille
 Literacy Prog 103-107
 Prebraille Program 103
 Peg-A-Circle Set 32
 Peg
 Kit 32
 Parts 193
 Slate 101
 Pegs
 Pegboard, and 132
 Textured 32
 Periodic Table
 of Elements Reference
 Chart 68
 Study Set, Azer's 68
 Perkins Brailers 114

PermaBraille Sheets 116
 Phonics, Turbo 38
 Physical Activities, Going Places:
 Transition Guidelines for 82
 Picture Maker 145
 Pictures, Familiar Object 132
 Plants: Sense of Science 65
 Plastic Binder Envelopes
 for Braille 119
 Plexiglas
 Blocks 132
 Spinner & Spinner Patterns 132
 Pocket-Size Notebook 120
 Pop-A-Cell 101
 Portable Sound Source 80
 Pouring Aid, EZ Fill 164
 Power at Your Fingertips,
 VIPs (video) 31
 Preschool
 Activities Calendar *see Everyday*
 Boehm-3 6
 Preschoolers, HANDS ON,
 Functional Activities for 29
 Prevocational Skills
 Development Materials 78
 PrivatePhones 150
 Product Training, NIP 201
 Protractors 55
 Pumpkin Puzzles 24
 Push Button Padlock 166
 Puzzle(s)
 Form Board Kit 32
 Parts 194
 Map, U.S. 71
 Software, Talking Word 172
 Sudoku Partner 172
 Word Quest 172

Q

- QuickBraille Kit 115
- Quick
 - Check: Index of Literary Braille Signs 97
 - Draw Paper 93
- Quick & Easy ECC, The Hatlen Center Guide 157
- Quick Pick
 - Blank 58
 - Counting 57
 - Math 57

R

- Reach for the Stars 18
- ReadWrite Stands 98
- Reader's Digest 202
- Reading
 - Guide, Bright Line 127
 - Stands 98-99
 - Test Ready, Plus 14
- Recipes, Making Picture 164
- Reclaiming Independence: (video) 161
- Recognizing Landforms 73
 - Parts 194
- Recording Device:
 - APH SoundPage 24
 - Book Port Plus 149
 - Wilson, The 162
- Reflection & Refraction Kit, Light In-Sight 62
- Refreshabraille 18 153
- Relief Map for Desk Use 70
- Replacement Parts
 - Catalog 184-199
- Returns Policy 211
- Rib-It Balls 79

- Robot, Math 44
- RollBuster II Monocular Storage 124
- Rolling Into Place 35
- Rolling Right Along Construction Kit 35
- Roly-Poly Man (OTWL) 22
- Round & Square Containers with Screw Tops 78
- Rulers 10, 55, 58-59

S

- SAM: Symbols and Meaning 85
 - Parts 194
- Scattered Crowns: Tactile Attribute Game 171
 - Parts 194
- Science
 - Adapting, for Students with Visual Impairments 63
 - Basic, Tactile Graphics 63
 - Brain Quest 61
 - Tactile Graphics, Life 63
- Scientific Calculator, Talking, Orion TI-30XS 49
- Score Card Set 170
- Screen, Individual Study (ISS) 123
- Script Letter Board 110
- Seated Parquetry Set 128
 - Parts 195
- Seeing Things in a New Way, VIPS (video) 31
- Select Switch 27
- Self Esteem, Loving Me 178
- Sense of Science Series 65
- Sensory
 - Cylinder Set 32
 - Impairment, Games for People with 80
 - Learning Kit (SLK) 27
 - Parts 195
- Services from APH 200-205
- Setting the Stage for Tactile Understanding 108
 - Parts 195
- Shafer Reading Stand 99
 - Parts 196
- Shape Board 33
- Shipping Methods 209
- Shirts, short sleeve T- 183
- Signature Guide, APH 166
- Silly Squiggles (OTWL) 23
- SlateHolder 111
- Slates, Styluses, and Erasers 111-112
- Slate and Cubes, Brannan Cubarithm 56
- Slide, Twist, 'N Solve Tactile Brain Teaser 172
- Small, Medium, & Large Circles Sets 33
- SMART Brailer
 - by Perkins, APH 114
- Social Skills/Ability Awareness Curriculum, Getting to Know You 159
- Soft Snap Puzzles 7
- Software
 - Armadillo Army 137
 - Book Wizard 154
 - Learn Keys 96
 - Math Flash 45
 - Money Talks 166
 - O&M Family Booklet 144

- Software, cont.
 - Ordering Instructions 209-210
 - Talking Word Puzzles 172
 - Teacher's Pet 9
 - Termite Torpedo 137
 - Toodle Tiles 137
 - Something Special (OTWL) 22
 - Sorting Circles and Shapes, Textured 52
 - Sound
 - Adapted
 - Tangle Ball Kit 34
 - Tennis Ball 81
 - Balls, APH 79
 - Localization Guidebook 80
 - Matching Boards 32
 - Source 80
 - SoundPage, APH (OTWL) 24
 - Spangle Tangle 33
 - Spanish
 - Boehm-3 Preschool
 - Big Picture Kit 6
 - Child-Guided Strategies 16
 - Classroom Calendar Kit 94
 - Light Box Materials Act. Guides 131
 - Parent Early Childhood Education Series 18
 - Product List 205
 - Tactile Connections Guide 85
 - Zeitgeist 162
 - "Special Touch" Gifts 182-183
 - Spinner Overlays for the Light Box 129
 - Spiral Pocket Notebook 120
 - Splish the Fish, Moving Ahead Series 26
 - SQUID Tactile Activities Magazines 175
 - StackUps 52
 - Parts 196
 - STACS 86
 - Stands, Reading 98-99
 - State Maps Collection 73
 - States, Fifty, National Geographic Picture Atlas 70
 - Step-by-Step: An Interactive Guide to Mobility Techniques 143
 - Stereo Headphones 150
 - Stickers, Feel 'n Peel 89
 - Stick-On
 - Number Lines 48
 - Tactile Ruler 59
 - Sticks, Match 127
 - Sticky Dots Adhesive 35, 88
 - Stokes Braille Place Holder 110
 - Storybook(s)
 - Alphabet Scramble 24
 - Best for a Nest 19
 - Boy and the Wolf, The 26
 - Everybody Plays 80
 - Goin' on a Bear Hunt 26
 - Little Breath of Wind 20
 - On the Way to Literacy 22-23
 - Rolling Into Place 35
 - Splish the Fish 26
 - Turtle and Rabbit 26
 - Student Starter Pack 110
 - Student Workbook Kit for Geometro 51
 - Students Who Are Deafblind (video) 159
 - Studio Recorder Software 178
 - Study Screen, Individual 123
 - Styluses Chart, All 112
 - Successfully Adapting the Preschool Environment, VIPS (video) 31
 - Sudoku Partner 172
 - Suggested Uses for Quick-Draw Paper 93
 - Super-Sized Folders 119
 - Swail Dot Inverter 92
 - Swing Cell Compact 101
 - Swirly Mat Sets 133
 - Switches, SLK 27
- U**
- T-Shirts, short sleeve, APH 183
 - Tactile
 - Activities Magazines, SQUID 175
 - Attribute Game
 - Scattered Crowns 171
 - Brain Teaser, , Twist, 'N Solve 172
 - Compass for Math & Art 51
 - Connections 85
 - Demonstration
 - Thermometer 61
 - Drawing Board, DRAFTSMAN 92
 - Drawing Film 92
 - Editing Marks Kit 39
 - Game: Web Chase 171
 - Globe, and Visual 70
 - Instruction: Setting the Stage 108
 - Marking Mat 110
 - Punnett Squares 66
 - Protractors, and LP 55
 - Ruler, Stick-On 59
 - Sheets, Feel 'n Peel 88
 - Stickers, Feel 'n Peel 89
 - Storybook: Rolling Into Place 35

- Tactile, cont
 - Tangrams 47
 - Town: 3-D O&M Kit 142
 - Parts 197
 - Treasures: 30
 - Word Associations 93
 - World Maps 69
- Tactile Graphic(s)
 - Basic Science 63
 - Image Library (TGIL) 201
 - Instruction: Teaching Touch 108
 - Kit 90
 - Parts 197
 - Kit, Geometry 54
 - Life Science 63
 - Line Slate 113
 - O&M 142
 - Starter Kit 90
- TADPOLE 7
 - Interactive Images eBook 7
- Talking
 - Book Cartridge, Digital 150
 - Calculators 49, 166
 - Color
 - Analyzer, ColorTest II 162
 - Identifier, Colorino 162
 - Cooking Thermometer 164
 - GlowDice 170
 - Software, Math Flash 45
 - Time Machine, Zeitgeist 162
 - Typer for Windows 95
 - Word Puzzles Software 172
- Tangle
 - Ball Kit, Sound Adapted 34
 - Book 33
 - Toy 33
- Tape,
 - Graphic Art 91
 - Tactile Clothing 163
- Teach Me to See (video) 124
- Teacher Handbook, Adapting Science for Students with VI 63
- Teacher's Pet Software 9
- Teaching
 - the Student with a Visual Impairment (TSVI) 177
 - Street Crossing to Students W/VI 139
- Teaching Touch 108
- Teen Scene (video) 124
- Tennis Kit, 30-Love 81
- Termite Torpedo Software 137
- Test Ready:
 - Language Arts 15
 - Plus Mathematics 13
 - Plus Reading 14
- Test(s)
 - Brigrance Diagnostic Inventory of Basic Skills 10
 - Woodcock-Johnson IV: 11
- Textured
 - Beads, Giant 30-31
 - Matching Blocks 32
 - Paper Collection 91
 - Pegs 32
 - Shapes, Geometric 145
 - Sorting Circles & Shapes 52
 - Strips 145
- Textures: Flip-Over
 - Concept Books 102
- That Terrible, Awful Day (OTWL) 23
- That's Not My Bear (OTWL) 22
- Thermometer
 - Tactile Demonstration 61
 - Talking Cooking 164
- Thingamajig (OTWL) 22
- Through Their Eyes, VIPS (video) 31
- Tic-Tac-Toe Accessory Kit for Invisiboard 128
- Time for Art 75
- ToAD 8
 - Parts 198
- ToADally Awesome! (video) 8
- Toodle Tiles Software 137
- Toss-Away Rulers 10, 58
- Tote Bag, APH
 - Innovations 8, 11, 159
- Touch and Tell 101
- Touch 'em All Baseball 170
- Touch, Label, and Learn Poster: Human Skeleton 64
- Tour of APH 174
- Toy, Tangle 33
- Transcription, Braille, Code Books, BANA and NLS 181
- Transition Tote System 156
- Transparent CCTV Rulers 58
- Travel Device, Miniguide US 142
- Tray, Sorting/Assembly 78
- Trays, Work-Play 34
- TREKS: The Game of Compass Directions 173
- Tri-fold Board 128
- Turbo Phonics Kit 38
- Turtle and Rabbit, Moving Ahead Series 26
- Twist, Turn, & Learn: 29

U

- UltraLens 127
- United States, Maps of 69-74
- USB Charger, 2 Amp 150
- Using the Cranmer Abacus 60

U.S. & Canada Tactile/Print Atlas 71

U.S. Puzzle Map 71
Parts 198

Utilization of Low Vision, Materials on, (ULV) 128

V

van Dijk Assessment Videos 16

Variable Beam Flashlight 124

Venn Diagram Template Kit 54

Vibrating Pad, SLK 27

Video Mag HD 126

Videos

Charge Syndrome Revisited 16

Child-Guided Strategies 16

CVI Perspectives 134

Denver the Guide Dog 144

Discovering the Magic of Reading 24, 100

From Russia w/Love & Care 16

Functional Vision Assess. 15

Good Tactile Graphic, The 107

Hands On Experience w/the Cranmer Abacus 60

Let's Talk Limbic 16

Lighting Guide Kit 136

Loving Me: An Overview 178

Picture Maker 144

Reclaiming Independence 161

Sensory Learning Kit 27

Students, Deafblind 159

Teach Me to See 124

Teen Scene 124

ToADally Awesome! 8

VIPS Library Series 31

Video Games 137

VIPS@Home: Parent Empowerment Program 25

VisioBook 123

Carry Bag 123

Visual Braille app for iPad 151

Visual Efficiency Scale Kit 128

W

Walk/Run for Fitness Kit 81

Parts 199

Warranty and Repair

Policy 211-212

Warranty, Extended

Refreshabril 18 153

Web Chase 171

Parts 199

Weekly Reader

Accessible Editions 202

Special Print/Braille Edition 97

What is IT? Kit 20

Wheatley Tactile Diagramming

Kit: Picture Maker 145

Parts 193

Wilson

Digital Voice Recorder, 162

Reading System (WRS) 40-41

Woodcock-Johnson IV (WJ IV): 11

Wooden Jr. Constructo Set 175

Parts 199

Word

Associations, Tactile 93

Cards, Expanded Dolch 37

PlayHouse 38

Quest Puzzles 172

Work-Play Trays 34

World at Your Fingers 70

World Maps, Tactile 69

Y

Yardstick, LP/Braille 59

Young Children

Fine Motor Development

Materials 29

Literacy, On the Way to 22-24

Move, Touch, Do! 18

Tactile Treasures 30

Z

Zeitgeist Talking

Time Machine 162

Catalog Production Credits

Editorial: Scott Blome, Stephanie Lancaster, Drew Lueken;

Design: Stephanie Lancaster; **Project Assistant:** Drew Lueken

Products Catalog Committee 2017-2018:

Janie Blome, Scott Blome, Doug Eder, Stephanie Lancaster, Drew Lueken, Heather MacKenzie, Marsha Overstreet, Chris Prentice, Dorinda Rife, Cathy Senft-Graves, Larry Skutchan, Jane Thompson

Coming
soon!

Educational Tablet Magnifier

A Smart Tablet-Based Magnifier for the Connected Student

The Educational Tablet Magnifier is a magnifier, distance viewer, and an educational tablet with pre-loaded software – all in one device!

Educational Tablet Magnifier is available with Federal Quota funds!

A Few of the Many Features Include:

- Lightweight, sturdy, and extremely portable
- 12-inch full HD touchscreen, removable from the stand
- Live HD magnification from 1-24x with intelligent LED illumination
- Capture and save single or multiple pages, providing accurate OCR with magnification of 1-80x
- Audio reading option for dual-modal learning
- Diamond Edge fonts with perfect clarity
- Powerful wireless camera for distance viewing, up to 40x magnification
- Pre-installed and ready to use: APH educational apps, Google Suite apps, Dropbox, a book reader with access to libraries such as Bookshare^{®*}, and many more
- Open Android[™] platform provides access to 1,500,000 additional apps



Educational smart tablet magnifier is a learning hub for students with low vision.

**Subscription may be needed to access library content*



American Printing House for the Blind, Inc.
800.223.1839 • info@aph.org • www.aph.org

Humanware[™]

This product is being developed in partnership with HumanWare.

shop.aph.org

Federal Quota Funds Could Help Purchase APH Materials for Your Students!

The federal Act to Promote the Education of the Blind provides funds for accessible educational materials for eligible students who meet the definition of blindness. An annual registration of eligible students determines a per capita amount of money specifically designated for the purchase of educational materials produced by the American Printing House for the Blind (APH). **These funds are credited to Federal Quota accounts** maintained and administered by APH and its Ex Officio Trustees throughout the United States and Outlying Areas.

Who Is Eligible?

While there is **no chronological age limit for eligibility**, for students to be eligible to participate in the Federal Quota Program, they **MUST** meet the following requirements:

- **Meet the definition of blindness** – a central visual acuity of 20/200 or less in the better eye with best correction; or a peripheral field of vision no greater than 20 degrees; or **function at the definition of blindness**, when visual performance is reduced by a brain injury or dysfunction, and visual performance meets the definition of blindness as determined by an eye care specialist or neurologist.
- Be enrolled in a formally organized public or private, nonprofit educational program of less than college level.
- Infants, preschool, and school-aged students must be enrolled with the registering school or agency on the first Monday in January.
- Eligible adult students are those who meet the definition of blindness and who are enrolled in instructional programs, at less than college level, for 20 hours per week. Social and leisure programs do not qualify as instruction; however, student practice to develop skills can be included in instructional hours. Registration will be determined by the number of students enrolled throughout the previous calendar year for at least three months of instruction (an accumulation of 12 weeks).

Who Are the Ex Officio Trustees?

For each residential school for the blind, state department of education, or agency for the blind that participates in the Federal Quota Program, an Ex Officio Trustee of the American Printing House for the Blind must be designated. Each Ex Officio Trustee is entrusted with the administration of the Federal Quota Program within his or her system.

Want More Info?

For more information about the Federal Quota program, visit **www.aph.org/advisory/** or call **1-800-223-1839**. On our website, you can find contact information for the Ex Officio Trustees in your state. These Trustees can give you the specific information about whether your student may qualify for APH materials purchased with Federal Quota funds: **www.aph.org/federal-quota/trustees/**



American Printing House
for the Blind, Inc.

1839 Frankfort Avenue
Louisville, KY 40206-3152

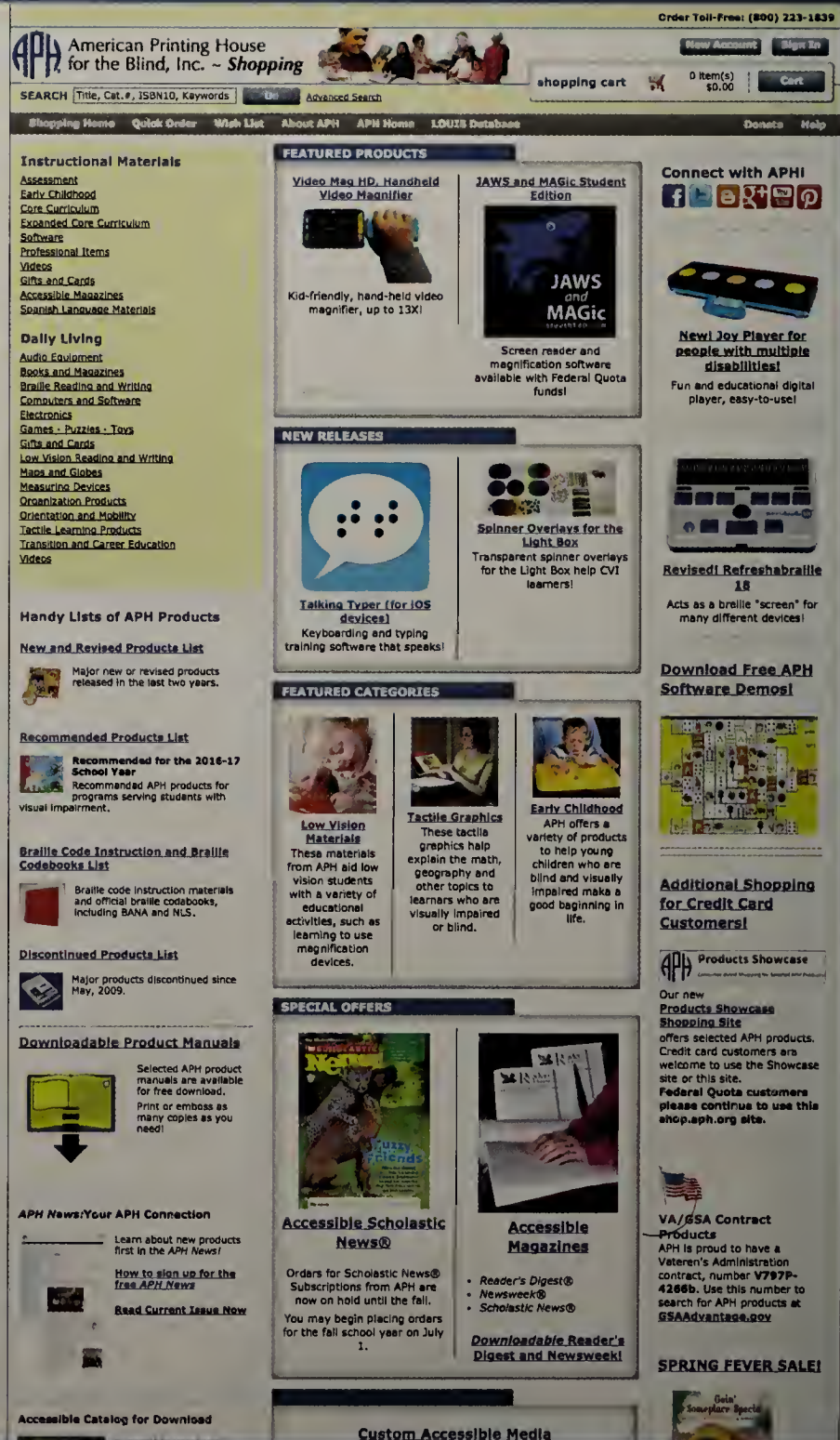
shop.aph.org

Our Full Shopping Site Is For All Customers!

Are you a Federal Quota customer?
Using a purchase order? Are you a
consumer using a credit card? We
welcome you to shop at our full site,
shop.aph.org



Additionally, credit
card customers may
choose to shop at
showcase.aph.org,
an easy-to-use site
featuring select APH
products!



Two ways to shop for unique APH products!